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JOINT DISTRIBUTION OF \bar{X} AND $X_{(n)}$ FOR A
RANDOM SAMPLE FROM THE STANDARD
NORMAL DISTRIBUTION WITH APPLICATIONS
TO A VARIABLES SAMPLING INSPECTION
PROCEDURE WHICH GUARANTEES ACCEPTANCE
OF PERFECTLY SCREENED LOTS

JEROME D. JULIUS

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by

Jerome D. Julius

Captain, United States Air Force

Submitted in partial fulfillment of
the requirements for the degree of

MASTER OF SCIENCE
IN
OPERATIONS RESEARCH

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Monterey, California

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This work is accepted as fulfilling
the thesis requirements for the degree of
MASTER OF SCIENCE
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ABSTRACT

In this paper, tables of the joint distribution of the sample mean and the largest observation in a sample for a random sample from the standard normal distribution are presented for a variables sampling inspection procedure which guarantees acceptance of perfectly screened lots. The quality of each item in the lot is described by a single quality characteristic. It is assumed that this quality characteristic has a normal density function with known variance. Tables of standard truncated normal distribution required to compute the tables of the joint distribution of \bar{X} and $X_{(n)}$ are also presented.

The two sets of tables are also used to show how operating characteristic curves may be computed. Sample size is shown to affect the existence of levels of significance. For small sample sizes ($n < 10$), certain large levels of significance do not exist for tests of hypothesis concerning truncated normal distributions.

TABLE OF CONTENTS

Section	Title	Page
1.	Introduction	1
2.	Sampling Inspection by Variables	6
3.	Computation of Tables	10
4.	How to Use the Tables	13
5.	Summary	211
6.	Bibliography	212
Appendix		213

LIST OF TABLES AND ILLUSTRATIONS

Figure		Page
1.	Operating Characteristic Curves for $p_0 = 0.01$ and $\alpha = 0.01$	17
Table		
1.	Table of Truncated Normal Distribution, $p_0 = .001$	19
2.	Table of Truncated Normal Distribution, $p_0 = .005$	27
3.	Table of Truncated Normal Distribution, $p_0 = .01$	35
4.	Table of Truncated Normal Distribution, $p_0 = .02$	43
5.	Table of Truncated Normal Distribution, $p_0 = .03$	51
6.	Table of Truncated Normal Distribution, $p_0 = .04$	59
7.	Table of Truncated Normal Distribution, $p_0 = .05$	67
8.	Table of Truncated Normal Distribution, $p_0 = .06$	75
9.	Table of Truncated Normal Distribution, $p_0 = .07$	83
10.	Table of Truncated Normal Distribution, $p_0 = .08$	91
11.	Table of Truncated Normal Distribution, $p_0 = .09$	99
12.	Table of Truncated Normal Distribution, $p_0 = .10$	107
13.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .001$	115
14.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .005$	123
15.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .01$	131
16.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .02$	139
17.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .03$	147

Table		Page
18.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .04$	155
19.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .05$	163
20.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .06$	171
21.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .07$	179
22.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .08$	187
23.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .09$	195
24.	Table of the Joint Distribution of \bar{X} and $X_{(n)}$, $p_0 = .10$	203

TABLE OF SYMBOLS

H	Null hypothesis
H_A	Alternative hypothesis
α	Maximum probability that a customer is willing to risk a Type 1 error; the level of significance of the test
$P[\]$	Probability that the event described in the bracket occurs
$K(\alpha)$	A constant for a given α , such that a test of hypotheses is performed at level α
X	Quality characteristic, a random variable
U	Upper specification limit
σ	Standard deviation
p	Proportion of defective items in a lot
p_0	Quality standard, maximum proportion of defective items that customer is willing to accept in each lot
K_{p_0}	The abscissa of a standard normal density function such that area above K_{p_0} is p_0
μ	True mean of the distribution of the quality characteristic in the submitted lot
K_α	The abscissa of a standard normal density function such that the area above K_α is α
n	Sample size
\bar{X}	Sample mean
$X_{(n)}$	Largest observation in a sample of size n
$N(\mu, 1)$	Normal distribution with mean, μ , and standard deviation, $\sigma = 1$.
$T_U N(\mu'', 1)$	Normal distribution with mean, μ'' , and standard deviation, $\sigma'' = 1$, truncated at upper specification limit, U
L	Lower specification limit
$X_{(1)}$	Smallest observation in a sample of size n

1. Introduction

It is often required that decisions on the acceptance or rejection of a lot of items be made on the basis of a sample drawn from the lot. Such decisions may be referred to as statistical decisions. For example, it may be required to decide on the basis of sample data whether a given lot contains a certain percent of defective items.

In attempting to reach such decisions, it is useful to make assumptions about the lot involved. Such assumptions, which may or may not be true, are called statistical hypotheses, and in general are statements about the parameters of the probability distribution of the lot's quality characteristic which is used to determine acceptance or rejection of the lot.

Often the statistical hypothesis is formulated for the sole purpose of rejecting or nullifying it. For instance, if it is required to decide whether or not a given coin is loaded, the hypothesis may be stated that the coin is a fair coin. Such hypotheses are called null hypothesis and are denoted by H .

Any hypothesis which differs from a given null hypothesis is called an alternative hypothesis. For example, the alternative hypothesis for the null hypothesis, that the coin is fair, might be, that the coin is loaded. An alternative hypothesis is denoted by H_A .

If, on the assumption that a particular hypothesis is true, it is found that the results observed in a random sample differ markedly from those expected under the hypothesis on the basis of pure chance using sampling theory, it is observed that the differences are significant

and the inference is to reject the hypothesis (or at least not to accept it on the basis of the present evidence). Procedures used to decide whether to accept or reject hypothesis or to determine whether observed samples differ significantly from expected results are called tests of hypotheses.

If a hypothesis is rejected when it should be accepted, a Type I error has been made. If, on the other hand, a hypothesis is accepted when it should be rejected, a Type II error has been made. In each case an error in judgment has occurred.

In order for any test of hypothesis to be good, it must be designed so as to minimize these errors of decision. For a given sample size, it is difficult to minimize both types of error. Any attempt to decrease one type of error is usually accompanied by an increase in the other type of error. In practice, one type of error may be more serious than the other, and so a compromise is sought in favor of a limitation of the more serious error. Both types of errors may be reduced by increasing the sample size, when this is possible. However, tests are usually designed so that they are at level α , regardless of sample size.

In testing a given hypothesis, the maximum probability that the customer is willing to risk a Type I error is called the level of significance of the test. This probability is denoted by α and is generally specified before any samples are drawn. Thus, the sampling results do not influence the choice of α . The Type I error has been limited by properly choosing a level of significance. Type II errors may be limited by never accepting any hypotheses. This is not

practicable. In practice operating characteristic curves, or OC curves, which are graphs showing the probabilities of Type II errors under various hypotheses, are used to provide indications of how well given tests will minimize Type II errors.

Inspection for acceptance purposes is required at nearly every level of manufacturing. This inspection can be done on a sampling basis and in the case of destructive testing must of necessity be done on a sampling basis. Sampling inspection is usually classified into two general categories, sampling inspection by attributes and sampling inspection by variables. In sampling inspection by attributes, consideration is given only to the number of items in a sample which conform or fail to conform to certain design specifications. The conformance, or lack of it, may relate to a single quality characteristic but usually relates to a number of different quality characteristics. In sampling inspection by variables, variables data is taken on each quality characteristic separately. The decision to accept or reject is based on the actual measured values in the sample rather than on the number of items conforming or not conforming to the specification limits. Sampling inspection problems may be formulated in tests of hypotheses frame work.

When a lot of items is inspected by a variables sampling procedure such as suggested by Lieberman and Resnikoff [3]¹, it is possible to reject the lot even though each item in the lot may have been previously inspected and all defective items discarded. Such a lot is referred to

1

Numbers in the brackets refer to the corresponding numbered references in the bibliography.

as a perfectly screened lot. The probability that a perfectly screened lot will be rejected may be small, but the cost in time and money to the customer may become excessive when production of today's weapon systems are considered.

The uniformly most powerful test procedure used to guarantee the acceptance of a perfectly screened lot has been shown [4] to be to reject the hypothesis that the percentage of defective items in the lot is less than or equal to some required quality standard, if and only if the largest observation in a sample taken from a lot is greater (less) than a given upper (lower) specification limit; and simultaneously, that the sample mean is greater than a number $K(\alpha)$.

This test procedure is applicable when the quality of each item in the lot is described by a single quality characteristic having a normal density function with known variance and where $K(\alpha)$ defines the critical region for a test at level α . So that α (i.e., $K(\alpha)$) is a function of the joint distribution of the sample mean and the largest observation in a sample for a random sample from the standard normal distribution. To apply this test procedure successfully, truncated normal distribution tables are required and $K(\alpha)$ for a desired level α is determined by trial and error. The purpose of this paper is to eliminate the need for trial and error iterations to determine $K(\alpha)$ for a desired level α . Tables of the joint distribution of \bar{X} and $X_{(n)}$ have been computed for 23 sample sizes and 12 truncation points. This study is limited to a single quality characteristic normally distributed with known variance. In section 2, concepts of sampling inspection by variables are discussed leading to the required modification for the inspection of a perfectly

screened lot. Section 3 is concerned with the computation of the tables of the joint distribution of \bar{X} and $X_{(n)}$. In section 4, applications of the tables are discussed using numerical examples. The results of the study are summarized in section 5.

The work reported on in this paper was accomplished at the United States Naval Postgraduate School, during the period from 3 January 1964 to 22 May 1964.

Professor W. M. Woods of the U.S. Naval Postgraduate School has generously given of his time to provide direction, encouragement and valuable advice to the author in the writing of this paper.

2. Sampling Inspection by Variables

In sampling inspection by variables, a random sample is drawn from a lot. A measurement is made of a variable quality characteristic X of each item and the decision to accept or reject the lot is a function of these measurements. There are many different ways in which the actual measured values of quality characteristics in a sample can be used to influence decisions on acceptance of a submitted lot. The following are some of the ways in which the measured values are used:

1. As a criterion in which the decision on acceptance or rejection of a lot is based on the sample mean alone. Plans using such criteria may be referred to as known standard deviation plans.
2. As a criterion in which the decision on acceptance or rejection of a lot is based on the sample mean in combination with a measure of the sample standard deviation. Plans using such criteria may be referred to as unknown standard deviation plans.
3. As a criterion in which the decision on acceptance or rejection of a lot depends in some way on the frequency distribution of the sample.
4. As a criterion in which the decision on acceptance or rejection of a process or of a series of lots is based on the evidence of a control chart for variables.

This paper is concerned with a single quality characteristic, an upper specification limit, U . It is assumed that measurements of the quality characteristic are independent, identically distributed normal random variables with known variance. The acceptance criterion is the sample mean alone in the case of an unrestricted normal distribution.

An item is considered defective if the quality characteristic is greater than the given upper specification limit. The entire lot is acceptable if the proportion of defective items, p , is less than some given quality standard p_0 . The proportion p is estimated by some function of the measurements of the quality characteristic. The following hypothesis is to be tested

$$H: p \leq p_0 \quad (1.)$$

$$H_A: p > p_0 \text{ at level } \alpha$$

A procedure is required such that

$$P[\text{accept } H \mid p \leq p_0] \geq 1 - \alpha \quad (2.)$$

Using the assumption that X is normal with known variance, (2.) will be satisfied if and only if $U \geq \mu + K p_0 \sigma$ (i.e., $\mu \leq U - K p_0 \sigma$).

An equivalent hypothesis to (1.) then is

$$H: \mu \leq U - K p_0 \sigma \quad (3.)$$

$$H_A: \mu > U - K p_0 \sigma, \text{ at level } \alpha$$

For a sample size n , the null hypothesis in (3.) would be accepted if and only if

$$\bar{X} \leq U - K p_0 \sigma + K_\alpha \frac{\sigma}{\sqrt{n}} \quad (4.)$$

or rejected if and only if

$$\bar{X} > U - K p_0 \sigma + K_\alpha \frac{\sigma}{\sqrt{n}} \quad (5.)$$

If either (4.) or (5.) is used to determine whether or not to accept a perfectly screened lot, some finite probability exists that the lot may be rejected. For example, suppose a lot of items is acceptable if the proportion of defective items does not exceed $p_0 = .01$. An item is defective if its quality characteristic Y exceeds $U = 660$. A 95% ($\alpha = .05$) significance level is desired. The lot is to be inspected using a sample of size 10. The quality characteristic is normally distributed with a standard deviation of 8. Measurements of the quality characteristic on the members of the sample provide the following data:

639, 640, 650, 647, 662, 637, 652, 643, 657, 649.

The following are computed from the data and the assumptions:

$$1. \bar{Y} = 647.6$$

$$2. \int_{K_{p_0}}^{\infty} \frac{1}{\sqrt{2\pi}} e^{-z^2/2} dz = .01, \quad K_{p_0} = 2.326$$

$$3. \int_{K_{\alpha}}^{\infty} \frac{1}{\sqrt{2\pi}} e^{-t^2/2} dt = .05, \quad K_{\alpha} = 1.645$$

$$4. U = K_{p_0} \sigma + K_{\alpha} \frac{\sigma}{\sqrt{n}} = 645.55$$

Since $\bar{Y} > 645.55$, the lot is rejected. Now suppose that the item whose quality characteristic was measured as 662 is discarded and replaced by an item whose quality characteristic is known to have a value of 644, all other aspects of the problem remaining the same. The sample mean is

reduced to 645.8 and the lot is again rejected even though there are no defective items in the sample. The uniformly most powerful test procedure to be used to determine acceptance or rejection of the lot based on the new sample is to reject H if and only if $X_{(n)} > Kp_0$ and $\bar{X} > K(\alpha)$, where in this case

$$X = \frac{Y-660}{8} + K_{.01}$$

$K(\alpha)$ is chosen so that

$$P[X_{(n)} > Kp_0, \bar{X} > K(\alpha) \mid \mu = 0] = \alpha \quad (6.)$$

The problem now is to determine $K(\alpha)$ for a desired level α test.

3. Computation of Tables

The level of significance of the test is computed by using expression (6.). The following equalities are noted:

$$\begin{aligned}
 P[X_{(n)} > U, \bar{X} > K(\alpha)] &= 1 - \left(P[X_{(n)} < U] + P[\bar{X} < K(\alpha)] \right. \\
 &\quad \left. - P[X_{(n)} < U, \bar{X} < K(\alpha)] \right) \\
 &= P[\bar{X} > K(\alpha)] - P[X_{(n)} < U] + P[X_{(n)} < U, \bar{X} < K(\alpha)] \\
 &= P[\bar{X} > K(\alpha)] - P[X_{(n)} < U] + P[\bar{X} < K(\alpha) | X_{(n)} < U] \\
 &\quad P[X_{(n)} < U] \\
 &= P[\bar{X} > K(\alpha)] - P[X_{(n)} < U] \left(1 - P[\bar{X} < K(\alpha) | X_{(n)} < U] \right) \\
 &= P[\bar{X} > K(\alpha)] - P[X_{(n)} < U] P[\bar{X} > K(\alpha) | X_{(n)} < U] \quad (7.)
 \end{aligned}$$

Letting X be $N(\mu, 1)$ and $U = Kp_0$, (7.) becomes

$$P[X_{(n)} > Kp_0, \bar{X} > K(\alpha)] = P[\bar{X} > K(\alpha)] - P[X_{(n)} < Kp_0] P[\bar{X} > K(\alpha) | X_{(n)} < Kp_0] \quad (8.)$$

All the items in (8.) are easily evaluated using standard normal distribution tables except the term

$$P[\bar{X} > K(\alpha) | X_{(n)} < Kp_0] \quad (9.)$$

Expression (9.) is equivalent to the probability that the sample mean of observations from a truncated normal distribution, $T_{\mu}N(\mu, 1)$, is greater than $K(\alpha)$. If standard truncated normal distribution tables are available, then for a given $K(\alpha)$, α may be computed after standardizing expression (8.). The standardized form of (8.), when X is $N(\mu', 1)$ is

$$\begin{aligned}\alpha &= P \left[\sqrt{n} (\bar{X} - \mu') > \sqrt{n} (K(\alpha) - \mu') \mid \mu = \mu' \right] \\ &= P \left[X_{(n)} - \mu' < K_{p_0} - \mu' \mid \mu = \mu' \right] P \left[\sqrt{n} (X - \mu') > \sqrt{n} (K(\alpha) - \mu') \mid \right. \\ &\quad \left. X_{(n)} < K_{p_0}, \mu = \mu' \right] \quad (10.)\end{aligned}$$

Without loss of generality, let $\mu = 0$ and using the information that the last term is the probability about a truncated normal distributed random variable, (10.) becomes

$$\alpha = P \left[\sqrt{n} \bar{X} > \sqrt{n} K(\alpha) \right] - P \left[X_{(n)} < K_{p_0} \right] P \left[\frac{\sqrt{n} (\bar{X} - \mu'')}{\sigma''} > \frac{\sqrt{n} (K(\alpha) - \mu'')}{\sigma''} \right] \quad (11.)$$

where μ'' and σ'' are the mean and standard deviation of the truncated normal distribution. The first two terms concern probability statements about standard normal random variables and the third term is a probability statement about a standard truncated normal distribution. $K(\alpha)$ is found by a simultaneous manipulation of standard normal distribution tables and standard truncated normal distribution tables. This can be a tedious trial and error method. In this paper expression (11.) was programmed for a CDC 1604 computer and α computed for given inputs of 23

different sample sizes, 12 truncation points, and 56 values of $K(\alpha)$. The required standard truncated normal distribution tables for the evaluation of the last term of (11.) were computed using Edgeworth's series (see Appendix I). The tables of truncated normal distribution were compared with the tables computed in reference [4] and found to be in agreement in three digits. The tables are presented in section 4.

4. How to Use the Tables

An example will be used to illustrate a use of the tables. A lot of items is acceptable if the proportion of defective items does not exceed $p_0 = .01$. An item is defective if its quality characteristic Y exceeds $U = 660$. A 95% ($\alpha = .05$) significance level is desired. The lot is inspected using a sample size of 10. The quality characteristic is normally distributed with a standard deviation of 8. Measurements of the quality characteristic on members of the sample provide the following data:

639, 640, 650, 647, 644, 637, 652, 643, 657, 649.

This is the same problem as before in section 3, but $Y_{(n)} < U$.

Letting $X = \frac{Y-660}{8} + K_{.01}$, the test procedure is to reject the lot if

and only if $X_{(10)} > K_{.01}$ and $\bar{X} > K(.05)$. $K(.05)$ is chosen so that, assuming X to be $N(0,1)$

$$\begin{aligned} .05 &= P[\bar{X} > K(.05)] - P[X_{(10)} < K_{.01}] P[\bar{X} > K(.05) | X_{(10)} < K_{.01}] \\ &= P[\sqrt{10} \bar{X} > \sqrt{10} K(.05)] - (.99)^{10} P\left[\frac{\sqrt{10}(\bar{X} - \mu'')}{\sigma''} > \frac{\sqrt{10}(K(.05) - \mu'')}{\sigma''} \mid \right. \\ &\quad \left. X_{(10)} < K_{.01} \right] \end{aligned} \quad (12.)$$

where μ'' and σ'' are the mean and standard deviation respectively of X when X is $T_{K_{.01}} N(0,1)$.

To determine $K(.05)$, the table of joint distribution of \bar{X} and $X_{(n)}$

for $p_0 = .01$ is entered with $n = 10$ and $\alpha = .05$ is found at the intersection of $n = 10$ and $KA = .24$. In these tables $KA = K(\alpha)$. The lot is rejected if and only if

$$Y_{(10)} > 660 \text{ and } \bar{Y} > 643.312$$

where
$$\bar{Y} > 660 - 8[K_{.01} - K(.05)] .$$

When this same problem was investigated in section 3, using a standard normal test, the lot was rejected if $\bar{Y} > 645.55$. But this time the lot is not rejected because while \bar{Y} is greater than 643.312, $Y_{(10)}$ is less than 660. In order to reject the lot both conditions must be satisfied.

Expression (12.) can be checked by using the table of truncated normal distribution for $p_0 = .01$ and the standard normal tables as follows:

$$P\left[\sqrt{10} \bar{X} > \sqrt{10} (.24)\right] = 1 - P\left[Z < 0.758\right] = 1 - .7764 = .2236 \quad (13.)$$

$$P\left[X_{(10)} < 2.326\right] = \left(P\left[Z < 2.326\right]\right)^{10} = (0.990)^{10} = 0.905 \quad (14.)$$

$$P\left[W > \sqrt{10} \left(\frac{.24 - \mu''}{\sigma''}\right)\right] = 1 - P\left[W < \sqrt{10} \left(\frac{.24 - \mu''}{\sigma''}\right)\right] = 1 - .8074 = .1926 \quad (15.)$$

$$\alpha = .2236 - (.905) (.1926) = .05 \quad (16.)$$

where Z is $N(0,1)$ and W is $T_{K_{.01}} N(0,1)$

Expressions (13.) and (14.) are evaluated using standard normal distribution tables. Expression (15.) was evaluated by entering Table 3 with $n = 10$ and $K(\alpha) = .24$. The tables of truncated normal distribution have been indexed on $K(\alpha)$ to facilitate their use. The value in these tables is

$$P \left[W < \sqrt{n} \left(\frac{K(\alpha) - \mu''}{\sigma''} \right) \middle| W \text{ is } T_U N(0,1) \right]$$

The procedures applied to an upper specification limit are equally applicable to a lower limit. For instance, suppose in the previous example, a lower specification limit, L , is of interest rather than an upper specification limit. Let $L = -660$ and let the data gathered from the sample of size 10 be as follows:

-639, -640, -650, -647, -644, -637, -652, -643, -657, -649.

All other aspects of the problem remain the same. Let $Y' = -Y$, the specification limit on Y' is 660 and the problem in terms of Y' is exactly as stated previously. The lot is rejected if and only if

$$Y_{(10)} < -660 \text{ and } \bar{Y} < -643.3.$$

The tables can also be used to develop operating characteristic curves in the following manner. Select a truncation point Kp_0 and a desired level α , evaluate

$$P \left[X_{(n)} > Kp_0, X > K(\alpha) \middle| \mu = \mu' \right] =$$

$$P \left[X_{(n)} - \mu' > Kp_0 - \mu', \bar{X} - \mu' > K(\alpha) - \mu' \middle| \mu = \mu' \right] \quad (17.)$$

Letting $Y = X - \mu'$ expression (17.) becomes

$$P[Y_{(n)} > Kp_0 - \mu', Y \mid (K(\alpha) - \mu') \mid \mu_y = 0] \quad (18.)$$

The term $Kp_0 - \mu'$ is selected so that the difference between two truncation points used in this study was μ' . Hence, each table of truncated normal distribution in this study has the possibility of providing a point on the OC curve for the selected p_0 and α . For example, if $p_0 = .01$, $\alpha = .01$, and $n = 3$, the following points are computed:

<u>μ'</u>	<u>$K_{.01} - \mu'$</u>	<u>$K(.01) - \mu'$</u>	<u>α</u>
.0000	2.3263	.9920	.01
.2725	2.0538	.7195	.03
.4455	1.8808	.5465	.06
.5756	1.7507	.4164	.08
.6813	1.6450	.3107	.11
.7715	1.5548	.2205	.13
.8505	1.4758	.1415	.16
.9212	1.4051	.0708	.19
.9855	1.3408	.0065	.22
1.0477	1.2816	-.0527	>.24

Figure 1. shows the above data and also a limited portion of the OC curves for $n = 30$ and $n = 60$. The curves are limited due to the number of tables computed in this study.

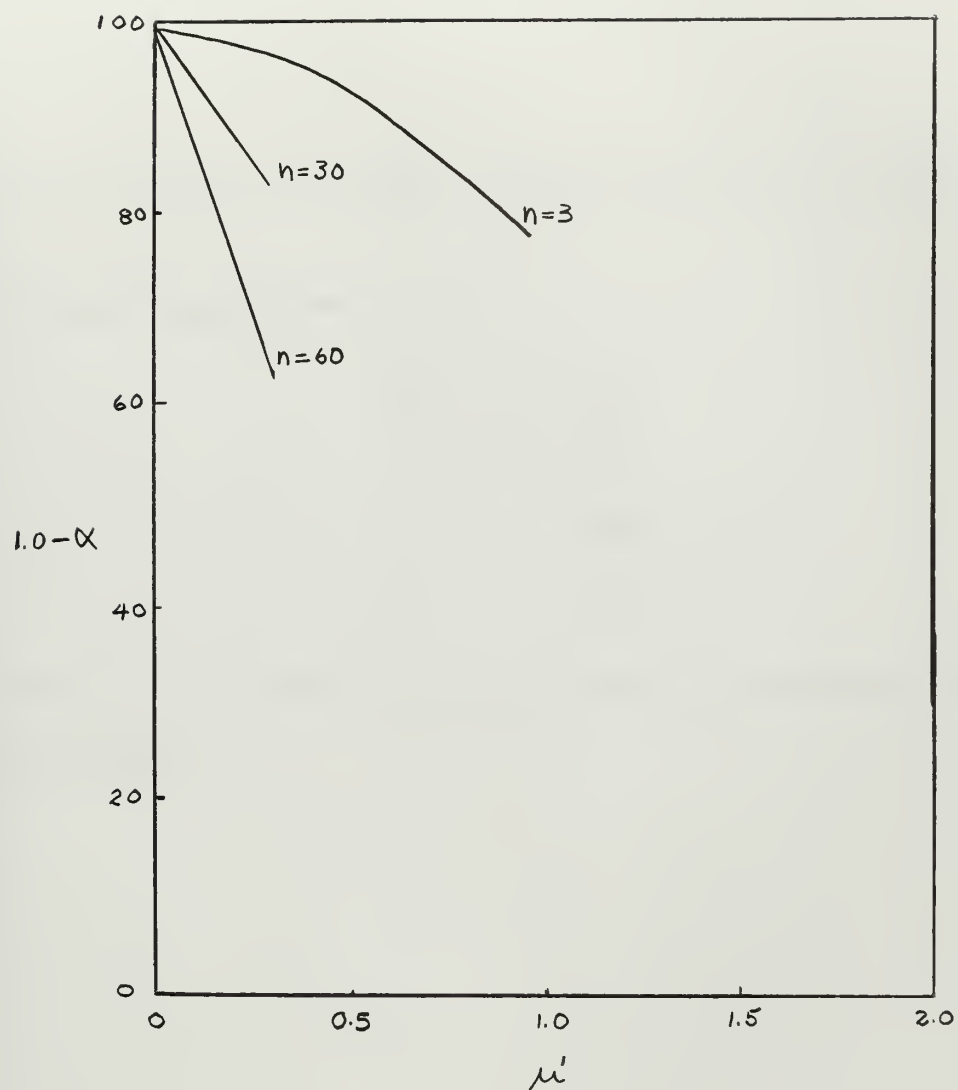


Figure 1.

OC curves for different values of n for the one sided truncated normal test for a level of significance $\alpha = .01$ and $p_0 = .01$

A study of Table 13 ($p_0 = .001$) reveals that certain levels of significance do not exist. For instance, if $p_0 = .001$ and it is assumed that $K(\alpha) = -\infty$, then

$$P[\bar{X} > -\infty] - P[X_{(n)} < K_{.001}] P[\bar{X} > -\infty | X_{(n)} < K_{.001}] = 1 - (0.999)^n$$

Letting n vary, we have

<u>n</u>	<u>α</u>
1	.001
4	.004
10	.010

Hence for $n = 10$, $\alpha \leq .01$. As n increases larger level α tests can be considered.

TABLE 1
TABLE OF TRUNCATED NORMAL DISTRIBUTION
P0= .001

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.5010	.5123	.5237	.5350	.5462	.5575	.5687
3.0	.5015	.5154	.5292	.5431	.5568	.5705	.5842
4.0	.5019	.5179	.5339	.5499	.5657	.5815	.5971
5.0	.5023	.5202	.5381	.5559	.5736	.5911	.6085
6.0	.5026	.5222	.5418	.5613	.5806	.5998	.6187
7.0	.5029	.5241	.5453	.5663	.5871	.6077	.6280
8.0	.5032	.5259	.5484	.5709	.5931	.6150	.6365
9.0	.5035	.5275	.5514	.5752	.5987	.6218	.6445
10.0	.5037	.5290	.5543	.5793	.6040	.6282	.6520
15.0	.5048	.5358	.5666	.5970	.6268	.6559	.6841
20.0	.5056	.5414	.5769	.6117	.6457	.6786	.7101
25.0	.5064	.5464	.5859	.6246	.6621	.6980	.7322
30.0	.5071	.5509	.5940	.6361	.6766	.7151	.7513
35.0	.5077	.5550	.6015	.6466	.6897	.7304	.7683
40.0	.5082	.5588	.6083	.6562	.7017	.7443	.7835
45.0	.5088	.5623	.6148	.6652	.7128	.7570	.7972
50.0	.5093	.5657	.6208	.6736	.7231	.7686	.8097
60.0	.5102	.5720	.6320	.6890	.7418	.7895	.8316
70.0	.5111	.5777	.6422	.7028	.7583	.8076	.8503
75.0	.5115	.5804	.6469	.7093	.7659	.8159	.8586
80.0	.5119	.5830	.6515	.7154	.7732	.8236	.8663
90.0	.5126	.5880	.6603	.7271	.7866	.8379	.8803
100.0	.5133	.5927	.6684	.7378	.7989	.8506	.8926

TABLE 1 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.5798	.5909	.6019	.6128	.6236	.6343	.6449
3.0	.5977	.6111	.6244	.6375	.6504	.6632	.6758
4.0	.6126	.6279	.6430	.6579	.6725	.6869	.7010
5.0	.6256	.6426	.6592	.6755	.6915	.7072	.7224
6.0	.6373	.6556	.6736	.6911	.7082	.7249	.7411
7.0	.6479	.6674	.6865	.7052	.7232	.7408	.7577
8.0	.6577	.6783	.6984	.7180	.7368	.7551	.7726
9.0	.6667	.6884	.7094	.7297	.7493	.7681	.7861
10.0	.6752	.6978	.7196	.7406	.7608	.7801	.7985
15.0	.7113	.7373	.7621	.7855	.8075	.8291	.8473
20.0	.7401	.7684	.7949	.8196	.8422	.8630	.8818
25.0	.7642	.7941	.8215	.8466	.8692	.8894	.9072
30.0	.7849	.8157	.8436	.8686	.8906	.9099	.9265
35.0	.8030	.8343	.8622	.8868	.9080	.9262	.9414
40.0	.8189	.8505	.8782	.9020	.9223	.9392	.9531
45.0	.8331	.8647	.8919	.9149	.9341	.9497	.9622
50.0	.8459	.8772	.9038	.9259	.9439	.9583	.9695
60.0	.8679	.8984	.9234	.9434	.9591	.9710	.9799
70.0	.8861	.9153	.9386	.9565	.9699	.9797	.9867
75.0	.8940	.9226	.9449	.9617	.9742	.9830	.9891
80.0	.9013	.9291	.9505	.9663	.9778	.9857	.9911
90.0	.9143	.9404	.9599	.9738	.9835	.9899	.9940
100.0	.9253	.9498	.9674	.9796	.9877	.9928	.9960

TABLE 1 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.6554	.6658	.6761	.6862	.6962	.7060	.7157
3.0	.6882	.7004	.7124	.7241	.7356	.7469	.7579
4.0	.7148	.7283	.7415	.7543	.7668	.7789	.7906
5.0	.7373	.7517	.7657	.7793	.7924	.8050	.8172
6.0	.7568	.7720	.7866	.8006	.8141	.8270	.8393
7.0	.7740	.7897	.8047	.8191	.8327	.8457	.8580
8.0	.7894	.8055	.8207	.8352	.8490	.8619	.8741
9.0	.8033	.8196	.8350	.8495	.8632	.8760	.8879
10.0	.8159	.8323	.8478	.8623	.8758	.8884	.9000
15.0	.8649	.8811	.8959	.9093	.9214	.9322	.9419
20.0	.8986	.9137	.9270	.9387	.9489	.9577	.9652
25.0	.9229	.9364	.9480	.9579	.9662	.9731	.9788
30.0	.9407	.9526	.9626	.9707	.9774	.9827	.9869
35.0	.9541	.9645	.9728	.9795	.9847	.9888	.9918
40.0	.9643	.9732	.9802	.9856	.9896	.9927	.9949
45.0	.9721	.9797	.9855	.9898	.9929	.9952	.9968
50.0	.9781	.9845	.9893	.9927	.9951	.9968	.9980
60.0	.9864	.9910	.9941	.9963	.9977	.9986	.9992
70.0	.9915	.9947	.9968	.9981	.9989	.9994	.9997
75.0	.9932	.9959	.9976	.9986	.9992	.9996	.9998
80.0	.9946	.9968	.9982	.9990	.9995	.9997	.9999
90.0	.9966	.9981	.9990	.9995	.9997	.9999	.9999
100.0	.9978	.9989	.9994	.9997	.9999	.9999	1.0000

TABLE 1 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.7252	.7346	.7438	.7528	.7617	.7704	.7789
3.0	.7686	.7791	.7892	.7991	.8087	.8181	.8271
4.0	.8020	.8130	.8236	.8338	.8436	.8531	.8621
5.0	.8289	.8400	.8507	.8609	.8707	.8799	.8887
6.0	.8510	.8622	.8727	.8827	.8921	.9010	.9093
7.0	.8696	.8806	.8909	.9005	.9095	.9179	.9257
8.0	.8855	.8961	.9060	.9152	.9237	.9316	.9388
9.0	.8990	.9093	.9188	.9275	.9355	.9427	.9493
10.0	.9107	.9206	.9296	.9378	.9452	.9519	.9580
15.0	.9504	.9579	.9645	.9701	.9751	.9793	.9829
20.0	.9716	.9770	.9815	.9852	.9883	.9907	.9928
25.0	.9834	.9871	.9901	.9925	.9943	.9958	.9969
30.0	.9902	.9927	.9947	.9961	.9972	.9980	.9986
35.0	.9941	.9959	.9971	.9980	.9986	.9991	.9994
40.0	.9965	.9976	.9984	.9990	.9993	.9996	.9997
45.0	.9979	.9986	.9991	.9995	.9997	.9998	.9999
50.0	.9987	.9992	.9995	.9997	.9998	.9999	.9999
60.0	.9995	.9997	.9998	.9999	1.0000	1.0000	1.0000
70.0	.9998	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 1 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.7872	.7953	.8032	.8110	.8186	.8259	.8331
3.0	.8359	.8443	.8525	.8603	.8679	.8752	.8822
4.0	.8708	.8791	.8870	.8945	.9016	.9084	.9149
5.0	.8970	.9048	.9122	.9192	.9257	.9318	.9375
6.0	.9171	.9244	.9312	.9375	.9433	.9487	.9537
7.0	.9329	.9395	.9457	.9513	.9564	.9611	.9654
8.0	.9454	.9514	.9569	.9618	.9663	.9704	.9740
9.0	.9553	.9608	.9656	.9700	.9739	.9773	.9804
10.0	.9634	.9682	.9725	.9763	.9796	.9826	.9851
15.0	.9859	.9885	.9907	.9924	.9939	.9951	.9961
20.0	.9944	.9957	.9967	.9975	.9981	.9986	.9990
25.0	.9977	.9983	.9988	.9992	.9994	.9996	.9997
30.0	.9991	.9994	.9996	.9997	.9998	.9999	.9999
35.0	.9996	.9997	.9998	.9999	.9999	1.0000	1.0000
40.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
45.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 1 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.8401	.8469	.8534	.8598	.8661	.8721	.8779
3.0	.8889	.8954	.9015	.9074	.9131	.9185	.9236
4.0	.9210	.9267	.9321	.9373	.9421	.9466	.9508
5.0	.9429	.9479	.9525	.9568	.9608	.9644	.9678
6.0	.9583	.9625	.9664	.9699	.9731	.9760	.9787
7.0	.9693	.9728	.9760	.9789	.9814	.9837	.9858
8.0	.9773	.9802	.9828	.9851	.9871	.9889	.9904
9.0	.9831	.9855	.9876	.9894	.9910	.9923	.9935
10.0	.9874	.9893	.9910	.9924	.9937	.9947	.9956
15.0	.9970	.9976	.9981	.9985	.9989	.9991	.9993
20.0	.9992	.9994	.9996	.9997	.9998	.9999	.9999
25.0	.9998	.9999	.9999	.9999	1.0000	1.0000	1.0000
30.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 1 (continued)

N	KA=	.84	.86	.88	.90	.92	.94	.96
2.0		.8835	.8890	.8942	.8993	.9042	.9089	.9135
3.0		.9284	.9331	.9375	.9416	.9456	.9493	.9528
4.0		.9548	.9585	.9619	.9651	.9681	.9709	.9735
5.0		.9709	.9738	.9764	.9788	.9810	.9830	.9848
6.0		.9811	.9833	.9852	.9870	.9885	.9899	.9912
7.0		.9876	.9892	.9906	.9919	.9930	.9940	.9948
8.0		.9918	.9930	.9940	.9949	.9957	.9964	.9970
9.0		.9946	.9954	.9962	.9968	.9974	.9978	.9982
10.0		.9964	.9970	.9975	.9980	.9984	.9987	.9989
15.0		.9995	.9996	.9997	.9998	.9998	.9999	.9999
20.0		.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104
105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128
129	130	131	132	133	134	135	136
137	138	139	140	141	142	143	144
145	146	147	148	149	150	151	152
153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168
169	170	171	172	173	174	175	176
177	178	179	180	181	182	183	184
185	186	187	188	189	190	191	192
193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208
209	210	211	212	213	214	215	216
217	218	219	220	221	222	223	224
225	226	227	228	229	230	231	232
233	234	235	236	237	238	239	240
241	242	243	244	245	246	247	248
249	250	251	252	253	254	255	256
257	258	259	260	261	262	263	264
265	266	267	268	269	270	271	272
273	274	275	276	277	278	279	280
281	282	283	284	285	286	287	288
289	290	291	292	293	294	295	296
297	298	299	300	301	302	303	304
305	306	307	308	309	310	311	312
313	314	315	316	317	318	319	320
321	322	323	324	325	326	327	328
329	330	331	332	333	334	335	336
337	338	339	340	341	342	343	344
345	346	347	348	349	350	351	352
353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368
369	370	371	372	373	374	375	376
377	378	379	380	381	382	383	384
385	386	387	388	389	390	391	392
393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408
409	410	411	412	413	414	415	416
417	418	419	420	421	422	423	424
425	426	427	428	429	430	431	432
433	434	435	436	437	438	439	440
441	442	443	444	445	446	447	448
449	450	451	452	453	454	455	456
457	458	459	460	461	462	463	464
465	466	467	468	469	470	471	472
473	474	475	476	477	478	479	480
481	482	483	484	485	486	487	488
489	490	491	492	493	494	495	496
497	498	499	500	501	502	503	504
505	506	507	508	509	510	511	512
513	514	515	516	517	518	519	520
521	522	523	524	525	526	527	528
529	530	531	532	533	534	535	536
537	538	539	540	541	542	543	544
545	546	547	548	549	550	551	552
553	554	555	556	557	558	559	560
561	562	563	564	565	566	567	568
569	570	571	572	573	574	575	576
577	578	579	580	581	582	583	584
585	586	587	588	589	590	591	592
593	594	595	596	597	598	599	600
601	602	603	604	605	606	607	608
609	610	611	612	613	614	615	616
617	618	619	620	621	622	623	624
625	626	627	628	629	630	631	632
633	634	635	636	637	638	639	640
641	642	643	644	645	646	647	648
649	650	651	652	653	654	655	656
657	658	659	660	661	662	663	664
665	666	667	668	669	670	671	672
673	674	675	676	677	678	679	680
681	682	683	684	685	686	687	688
689	690	691	692	693	694	695	696
697	698	699	700	701	702	703	704
705	706	707	708	709	710	711	712
713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728
729	730	731	732	733	734	735	736
737	738	739	740	741	742	743	744
745	746	747	748	749	750	751	752
753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768
769	770	771	772	773	774	775	776
777	778	779	780	781	782	783	784
785	786	787	788	789	790	791	792
793	794	795	796	797	798	799	800
801	802	803	804	805	806	807	808
809	810	811	812	813	814	815	816
817	818	819	820	821	822	823	824
825	826	827	828	829	830	831	832
833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848
849	850	851	852	853	854	855	856
857	858	859	860	861	862	863	864
865	866	867	868	869	870	871	872
873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888
889	890	891	892	893	894	895	896
897	898	899	900	901	902	903	904
905	906	907	908	909	910	911	912
913	914	915	916	917	918	919	920
921	922	923	924	925	926	927	928
929	930	931	932	933	934	935	936
937	938	939	940	941	942	943	944
945	946	947	948	949	950	951	952
953	954	955	956	957	958	959	960
961	962	963	964	965	966	967	968
969	970	971	972	973	974	975	976
977	978	979	980	981	982	983	984
985	986	987	988	989	990	991	992
993	994	995	996	997	998	999	1000

TABLE 1 (continued)

N	KA=	.98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9179	.9221	.9261	.9300	.9337	.9373	.9407	
3.0	.9562	.9593	.9623	.9650	.9676	.9701	.9724	
4.0	.9759	.9781	.9801	.9820	.9837	.9852	.9867	
5.0	.9865	.9879	.9893	.9905	.9916	.9926	.9935	
6.0	.9923	.9933	.9942	.9949	.9956	.9962	.9967	
7.0	.9956	.9962	.9968	.9973	.9977	.9980	.9984	
8.0	.9974	.9979	.9982	.9985	.9988	.9990	.9992	
9.0	.9985	.9988	.9990	.9992	.9993	.9995	.9996	
10.0	.9991	.9993	.9994	.9996	.9996	.9997	.9998	
15.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	

TABLE 2
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PO= .005

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.5048	.5163	.5277	.5392	.5506	.5620	.5733
3.0	.5072	.5212	.5353	.5493	.5632	.5771	.5909
4.0	.5091	.5253	.5416	.5577	.5737	.5897	.6055
5.0	.5107	.5289	.5470	.5650	.5829	.6006	.6181
6.0	.5122	.5321	.5519	.5716	.5911	.6104	.6295
7.0	.5135	.5350	.5564	.5776	.5986	.6194	.6398
8.0	.5147	.5377	.5605	.5832	.6056	.6276	.6492
9.0	.5159	.5402	.5644	.5884	.6120	.6353	.6580
10.0	.5169	.5426	.5680	.5933	.6181	.6425	.6663
15.0	.5214	.5528	.5839	.6144	.6443	.6733	.7013
20.0	.5252	.5613	.5970	.6319	.6658	.6983	.7294
25.0	.5284	.5688	.6085	.6471	.6842	.7196	.7530
30.0	.5313	.5755	.6187	.6606	.7005	.7382	.7733
35.0	.5340	.5816	.6281	.6728	.7151	.7547	.7911
40.0	.5365	.5873	.6367	.6840	.7284	.7695	.8069
45.0	.5388	.5926	.6447	.6943	.7406	.7830	.8211
50.0	.5410	.5976	.6523	.7040	.7519	.7953	.8338
60.0	.5450	.6069	.6661	.7215	.7721	.8170	.8560
70.0	.5487	.6153	.6786	.7372	.7898	.8357	.8745
75.0	.5505	.6193	.6845	.7445	.7979	.8440	.8826
80.0	.5522	.6231	.6901	.7514	.8055	.8519	.8902
90.0	.5554	.6304	.7007	.7643	.8197	.8661	.9036
100.0	.5584	.6372	.7106	.7762	.8324	.8786	.9151

TABLE 2 (continued)

N	KA = .14	.16	.18	.20	.22	.24	.26
2.0	.5845	.5957	.6068	.6179	.6288	.6396	.6503
3.0	.6045	.6181	.6314	.6447	.6577	.6706	.6833
4.0	.6211	.6365	.6517	.6667	.6814	.6958	.7099
5.0	.6354	.6524	.6691	.6855	.7016	.7172	.7325
6.0	.6482	.6666	.6846	.7021	.7192	.7359	.7520
7.0	.6598	.6794	.6985	.7170	.7350	.7525	.7692
8.0	.6704	.6910	.7111	.7305	.7493	.7674	.7847
9.0	.6802	.7018	.7228	.7429	.7623	.7809	.7986
10.0	.6894	.7119	.7335	.7544	.7743	.7932	.8112
15.0	.7282	.7538	.7781	.8010	.8223	.8422	.8606
20.0	.7588	.7864	.8120	.8357	.8574	.8770	.8947
25.0	.7841	.8129	.8391	.8629	.8841	.9029	.9193
30.0	.8056	.8349	.8613	.8846	.9050	.9226	.9376
35.0	.8242	.8537	.8797	.9023	.9216	.9379	.9514
40.0	.8404	.8698	.8953	.9169	.9350	.9499	.9619
45.0	.8547	.8838	.9085	.9291	.9459	.9594	.9701
50.0	.8674	.8960	.9198	.9393	.9548	.9670	.9764
60.0	.8889	.9161	.9380	.9551	.9683	.9780	.9851
70.0	.9064	.9319	.9517	.9666	.9775	.9852	.9906
75.0	.9140	.9386	.9573	.9711	.9810	.9879	.9925
80.0	.9208	.9445	.9622	.9750	.9840	.9900	.9940
90.0	.9327	.9545	.9703	.9812	.9885	.9932	.9961
100.0	.9426	.9626	.9765	.9858	.9917	.9954	.9975



TABLE 2 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.6609	.6714	.6817	.6919	.7020	.7119	.7216
3.0	.6958	.7080	.7200	.7318	.7433	.7546	.7656
4.0	.7238	.7373	.7504	.7632	.7756	.7877	.7993
5.0	.7473	.7617	.7756	.7891	.8020	.8145	.8265
6.0	.7676	.7826	.7970	.8109	.8242	.8369	.8489
7.0	.7854	.8009	.8156	.8297	.8431	.8558	.8677
8.0	.8012	.8170	.8319	.8461	.8594	.8720	.8837
9.0	.8154	.8313	.8464	.8605	.8737	.8860	.8974
10.0	.8282	.8442	.8592	.8732	.8862	.8982	.9093
15.0	.8775	.8929	.9068	.9194	.9306	.9406	.9495
20.0	.9105	.9244	.9367	.9473	.9565	.9643	.9710
25.0	.9336	.9459	.9562	.9650	.9722	.9782	.9830
30.0	.9503	.9608	.9694	.9764	.9820	.9865	.9899
35.0	.9625	.9714	.9785	.9840	.9883	.9915	.9940
40.0	.9715	.9790	.9847	.9891	.9923	.9947	.9964
45.0	.9783	.9845	.9891	.9925	.9949	.9966	.9978
50.0	.9834	.9885	.9922	.9948	.9966	.9979	.9987
60.0	.9902	.9936	.9960	.9975	.9985	.9991	.9995
70.0	.9941	.9964	.9979	.9988	.9993	.9996	.9998
75.0	.9955	.9973	.9985	.9992	.9996	.9998	.9999
80.0	.9965	.9980	.9989	.9994	.9997	.9998	.9999
90.0	.9979	.9989	.9994	.9997	.9999	.9999	1.0000
100.0	.9987	.9994	.9997	.9999	.9999	1.0000	1.0000

TABLE 2 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.7312	.7406	.7498	.7589	.7677	.7764	.7849
3.0	.7763	.7867	.7968	.8067	.8162	.8255	.8344
4.0	.8106	.8215	.8320	.8421	.8517	.8610	.8699
5.0	.8380	.8490	.8595	.8694	.8789	.8879	.8964
6.0	.8604	.8712	.8815	.8912	.9003	.9088	.9168
7.0	.8790	.8896	.8995	.9087	.9173	.9253	.9327
8.0	.8947	.9049	.9143	.9231	.9311	.9385	.9453
9.0	.9080	.9178	.9267	.9349	.9424	.9492	.9553
10.0	.9194	.9287	.9372	.9448	.9517	.9579	.9634
15.0	.9572	.9640	.9699	.9749	.9792	.9829	.9860
20.0	.9765	.9812	.9850	.9882	.9908	.9928	.9945
25.0	.9869	.9900	.9924	.9943	.9958	.9969	.9978
30.0	.9926	.9946	.9961	.9972	.9981	.9987	.9991
35.0	.9958	.9971	.9980	.9986	.9991	.9994	.9996
40.0	.9976	.9984	.9989	.9993	.9996	.9997	.9998
45.0	.9986	.9991	.9994	.9997	.9998	.9999	.9999
50.0	.9992	.9995	.9997	.9998	.9999	.9999	1.0000
60.0	.9997	.9998	.9999	1.0000	1.0000	1.0000	1.0000
70.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 2 (continued)

N	KA=	.56	.58	.60	.62	.64	.66	.68
2.0		.7932	.8013	.8093	.8170	.8245	.8319	.8390
3.0		.8431	.8515	.8595	.8673	.8747	.8819	.8887
4.0		.8784	.8864	.8941	.9014	.9084	.9149	.9212
5.0		.9044	.9120	.9191	.9258	.9320	.9378	.9433
6.0		.9242	.9311	.9376	.9435	.9490	.9541	.9587
7.0		.9395	.9457	.9515	.9567	.9615	.9658	.9698
8.0		.9514	.9570	.9621	.9666	.9707	.9744	.9777
9.0		.9608	.9658	.9702	.9742	.9777	.9808	.9835
10.0		.9683	.9727	.9765	.9799	.9829	.9855	.9877
15.0		.9886	.9908	.9926	.9941	.9953	.9963	.9971
20.0		.9958	.9968	.9976	.9982	.9987	.9990	.9993
25.0		.9984	.9988	.9992	.9994	.9996	.9997	.9998
30.0		.9994	.9996	.9997	.9998	.9999	.9999	1.0000
35.0		.9998	.9998	.9999	.9999	1.0000	1.0000	1.0000
40.0		.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
45.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000



TABLE 2 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.8459	.8527	.8592	.8655	.8717	.8776	.8833
3.0	.8953	.9016	.9076	.9133	.9188	.9240	.9290
4.0	.9270	.9325	.9377	.9426	.9472	.9515	.9555
5.0	.9483	.9530	.9574	.9614	.9651	.9685	.9716
6.0	.9630	.9669	.9705	.9737	.9766	.9793	.9817
7.0	.9733	.9765	.9794	.9819	.9842	.9863	.9881
8.0	.9806	.9832	.9855	.9875	.9893	.9908	.9922
9.0	.9859	.9880	.9898	.9913	.9927	.9939	.9949
10.0	.9897	.9913	.9927	.9940	.9950	.9959	.9966
15.0	.9977	.9982	.9986	.9990	.9992	.9994	.9996
20.0	.9995	.9996	.9997	.9998	.9999	.9999	.9999
25.0	.9999	.9999	.9999	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

APPENDIX

Year	1980	1981	1982	1983	1984	1985	1986
1980	100	100	100	100	100	100	100
1981	100	100	100	100	100	100	100
1982	100	100	100	100	100	100	100
1983	100	100	100	100	100	100	100
1984	100	100	100	100	100	100	100
1985	100	100	100	100	100	100	100
1986	100	100	100	100	100	100	100
1987	100	100	100	100	100	100	100
1988	100	100	100	100	100	100	100
1989	100	100	100	100	100	100	100
1990	100	100	100	100	100	100	100
1991	100	100	100	100	100	100	100
1992	100	100	100	100	100	100	100
1993	100	100	100	100	100	100	100
1994	100	100	100	100	100	100	100
1995	100	100	100	100	100	100	100
1996	100	100	100	100	100	100	100
1997	100	100	100	100	100	100	100
1998	100	100	100	100	100	100	100
1999	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100
2003	100	100	100	100	100	100	100
2004	100	100	100	100	100	100	100
2005	100	100	100	100	100	100	100
2006	100	100	100	100	100	100	100
2007	100	100	100	100	100	100	100
2008	100	100	100	100	100	100	100
2009	100	100	100	100	100	100	100
2010	100	100	100	100	100	100	100
2011	100	100	100	100	100	100	100
2012	100	100	100	100	100	100	100
2013	100	100	100	100	100	100	100
2014	100	100	100	100	100	100	100
2015	100	100	100	100	100	100	100
2016	100	100	100	100	100	100	100
2017	100	100	100	100	100	100	100
2018	100	100	100	100	100	100	100
2019	100	100	100	100	100	100	100
2020	100	100	100	100	100	100	100

TABLE 2 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.8889	.8943	.8994	.9044	.9092	.9138	.9183
3.0	.9337	.9381	.9423	.9463	.9501	.9537	.9570
4.0	.9592	.9627	.9659	.9689	.9717	.9743	.9766
5.0	.9745	.9771	.9795	.9817	.9837	.9855	.9871
6.0	.9838	.9858	.9875	.9891	.9904	.9917	.9927
7.0	.9897	.9911	.9923	.9934	.9944	.9952	.9959
8.0	.9934	.9944	.9952	.9960	.9966	.9972	.9977
9.0	.9957	.9964	.9970	.9976	.9980	.9984	.9987
10.0	.9972	.9977	.9982	.9985	.9988	.9990	.9992
15.0	.9997	.9998	.9998	.9999	.9999	.9999	.9999
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE I						
Summary of the results of the experiments						
Experiment	Number of subjects	Number of trials	Number of correct responses	Number of incorrect responses	Number of correct responses per trial	Number of incorrect responses per trial
1	10	100	80	20	0.80	0.20
2	10	100	75	25	0.75	0.25
3	10	100	70	30	0.70	0.30
4	10	100	65	35	0.65	0.35
5	10	100	60	40	0.60	0.40
6	10	100	55	45	0.55	0.45
7	10	100	50	50	0.50	0.50
8	10	100	45	55	0.45	0.55
9	10	100	40	60	0.40	0.60
10	10	100	35	65	0.35	0.65
11	10	100	30	70	0.30	0.70
12	10	100	25	75	0.25	0.75
13	10	100	20	80	0.20	0.80
14	10	100	15	85	0.15	0.85
15	10	100	10	90	0.10	0.90
16	10	100	5	95	0.05	0.95
17	10	100	0	100	0.00	1.00
18	10	100	0	100	0.00	1.00
19	10	100	0	100	0.00	1.00
20	10	100	0	100	0.00	1.00
21	10	100	0	100	0.00	1.00
22	10	100	0	100	0.00	1.00
23	10	100	0	100	0.00	1.00
24	10	100	0	100	0.00	1.00
25	10	100	0	100	0.00	1.00
26	10	100	0	100	0.00	1.00
27	10	100	0	100	0.00	1.00
28	10	100	0	100	0.00	1.00
29	10	100	0	100	0.00	1.00
30	10	100	0	100	0.00	1.00
31	10	100	0	100	0.00	1.00
32	10	100	0	100	0.00	1.00
33	10	100	0	100	0.00	1.00
34	10	100	0	100	0.00	1.00
35	10	100	0	100	0.00	1.00
36	10	100	0	100	0.00	1.00
37	10	100	0	100	0.00	1.00
38	10	100	0	100	0.00	1.00
39	10	100	0	100	0.00	1.00
40	10	100	0	100	0.00	1.00
41	10	100	0	100	0.00	1.00
42	10	100	0	100	0.00	1.00
43	10	100	0	100	0.00	1.00
44	10	100	0	100	0.00	1.00
45	10	100	0	100	0.00	1.00
46	10	100	0	100	0.00	1.00
47	10	100	0	100	0.00	1.00
48	10	100	0	100	0.00	1.00
49	10	100	0	100	0.00	1.00
50	10	100	0	100	0.00	1.00
51	10	100	0	100	0.00	1.00
52	10	100	0	100	0.00	1.00
53	10	100	0	100	0.00	1.00
54	10	100	0	100	0.00	1.00
55	10	100	0	100	0.00	1.00
56	10	100	0	100	0.00	1.00
57	10	100	0	100	0.00	1.00
58	10	100	0	100	0.00	1.00
59	10	100	0	100	0.00	1.00
60	10	100	0	100	0.00	1.00
61	10	100	0	100	0.00	1.00
62	10	100	0	100	0.00	1.00
63	10	100	0	100	0.00	1.00
64	10	100	0	100	0.00	1.00
65	10	100	0	100	0.00	1.00
66	10	100	0	100	0.00	1.00
67	10	100	0	100	0.00	1.00
68	10	100	0	100	0.00	1.00
69	10	100	0	100	0.00	1.00
70	10	100	0	100	0.00	1.00
71	10	100	0	100	0.00	1.00
72	10	100	0	100	0.00	1.00
73	10	100	0	100	0.00	1.00
74	10	100	0	100	0.00	1.00
75	10	100	0	100	0.00	1.00
76	10	100	0	100	0.00	1.00
77	10	100	0	100	0.00	1.00
78	10	100	0	100	0.00	1.00
79	10	100	0	100	0.00	1.00
80	10	100	0	100	0.00	1.00
81	10	100	0	100	0.00	1.00
82	10	100	0	100	0.00	1.00
83	10	100	0	100	0.00	1.00
84	10	100	0	100	0.00	1.00
85	10	100	0	100	0.00	1.00
86	10	100	0	100	0.00	1.00
87	10	100	0	100	0.00	1.00
88	10	100	0	100	0.00	1.00
89	10	100	0	100	0.00	1.00
90	10	100	0	100	0.00	1.00
91	10	100	0	100	0.00	1.00
92	10	100	0	100	0.00	1.00
93	10	100	0	100	0.00	1.00
94	10	100	0	100	0.00	1.00
95	10	100	0	100	0.00	1.00
96	10	100	0	100	0.00	1.00
97	10	100	0	100	0.00	1.00
98	10	100	0	100	0.00	1.00
99	10	100	0	100	0.00	1.00
100	10	100	0	100	0.00	1.00

TABLE 2 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9226	.9267	.9306	.9344	.9380	.9414	.9447
3.0	.9602	.9631	.9659	.9685	.9710	.9732	.9754
4.0	.9788	.9808	.9827	.9844	.9859	.9874	.9886
5.0	.9885	.9899	.9910	.9921	.9931	.9939	.9947
6.0	.9937	.9946	.9953	.9959	.9965	.9970	.9974
7.0	.9965	.9970	.9975	.9979	.9982	.9985	.9988
8.0	.9981	.9984	.9987	.9989	.9991	.9993	.9994
9.0	.9989	.9991	.9993	.9994	.9995	.9996	.9997
10.0	.9994	.9995	.9996	.9997	.9998	.9998	.9999
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 3
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PC= .010

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.5096	.5213	.5329	.5445	.5560	.5675	.5790
3.0	.5142	.5284	.5426	.5568	.5709	.5849	.5988
4.0	.5178	.5342	.5506	.5669	.5831	.5992	.6151
5.0	.5208	.5392	.5575	.5757	.5938	.6116	.6292
6.0	.5235	.5437	.5637	.5836	.6032	.6226	.6418
7.0	.5260	.5477	.5693	.5907	.6118	.6327	.6531
8.0	.5282	.5514	.5745	.5973	.6198	.6419	.6635
9.0	.5303	.5549	.5793	.6034	.6272	.6504	.6732
10.0	.5322	.5581	.5838	.6092	.6341	.6585	.6822
15.0	.5406	.5722	.6034	.6340	.6637	.6925	.7202
20.0	.5475	.5839	.6196	.6544	.6879	.7199	.7503
25.0	.5535	.5941	.6337	.6719	.7085	.7430	.7753
30.0	.5589	.6032	.6462	.6874	.7265	.7629	.7966
35.0	.5639	.6115	.6575	.7014	.7425	.7805	.8151
40.0	.5684	.6192	.6680	.7141	.7570	.7961	.8313
45.0	.5727	.6263	.6776	.7258	.7701	.8102	.8456
50.0	.5767	.6330	.6866	.7366	.7822	.8229	.8584
60.0	.5842	.6454	.7031	.7561	.8036	.8451	.8803
70.0	.5910	.6566	.7179	.7734	.8222	.8638	.8982
75.0	.5942	.6619	.7247	.7813	.8305	.8720	.9059
80.0	.5973	.6669	.7313	.7888	.8384	.8797	.9130
90.0	.6032	.6765	.7436	.8027	.8527	.8934	.9254
100.0	.6087	.6855	.7549	.8153	.8654	.9053	.9358



TABLE 3 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.5904	.6017	.6129	.6240	.6351	.6460	.6568
3.0	.6126	.6263	.6398	.6531	.6662	.6792	.6919
4.0	.6309	.6464	.6617	.6767	.6915	.7059	.7201
5.0	.6466	.6637	.6804	.6968	.7129	.7285	.7437
6.0	.6606	.6790	.6969	.7145	.7315	.7480	.7640
7.0	.6732	.6927	.7117	.7302	.7481	.7653	.7819
8.0	.6847	.7052	.7252	.7444	.7630	.7808	.7978
9.0	.6953	.7168	.7375	.7574	.7765	.7947	.8120
10.0	.7052	.7275	.7489	.7693	.7889	.8074	.8249
15.0	.7466	.7717	.7953	.8174	.8380	.8570	.8745
20.0	.7789	.8055	.8301	.8526	.8730	.8914	.9078
25.0	.8052	.8326	.8573	.8795	.8992	.9164	.9313
30.0	.8273	.8548	.8793	.9007	.9192	.9350	.9483
35.0	.8461	.8734	.8972	.9176	.9348	.9491	.9608
40.0	.8623	.8892	.9121	.9313	.9471	.9599	.9701
45.0	.8764	.9027	.9246	.9425	.9570	.9683	.9771
50.0	.8888	.9143	.9351	.9518	.9648	.9749	.9824
60.0	.9095	.9330	.9516	.9657	.9763	.9840	.9895
70.0	.9258	.9473	.9636	.9755	.9839	.9898	.9937
75.0	.9327	.9532	.9683	.9792	.9867	.9918	.9951
80.0	.9389	.9583	.9724	.9823	.9890	.9934	.9962
90.0	.9494	.9669	.9791	.9872	.9925	.9957	.9977
100.0	.9581	.9736	.9840	.9907	.9948	.9972	.9986



TABLE 3 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.6675	.6780	.6885	.6987	.7088	.7188	.7286
3.0	.7045	.7167	.7288	.7406	.7521	.7633	.7743
4.0	.7339	.7473	.7604	.7732	.7855	.7975	.8090
5.0	.7584	.7727	.7865	.7998	.8126	.8249	.8366
6.0	.7794	.7943	.8085	.8221	.8351	.8475	.8592
7.0	.7978	.8130	.8274	.8412	.8542	.8664	.8780
8.0	.8140	.8293	.8439	.8576	.8705	.8826	.8938
9.0	.8284	.8439	.8584	.8720	.8846	.8964	.9073
10.0	.8414	.8568	.8712	.8846	.8970	.9083	.9188
15.0	.8904	.9048	.9178	.9294	.9397	.9488	.9568
20.0	.9223	.9350	.9461	.9556	.9637	.9706	.9763
25.0	.9441	.9549	.9640	.9715	.9777	.9827	.9867
30.0	.9593	.9684	.9757	.9816	.9862	.9897	.9925
35.0	.9702	.9776	.9835	.9879	.9913	.9939	.9957
40.0	.9780	.9841	.9887	.9921	.9945	.9963	.9975
45.0	.9837	.9886	.9922	.9947	.9965	.9977	.9986
50.0	.9879	.9918	.9946	.9965	.9978	.9986	.9992
60.0	.9932	.9957	.9974	.9984	.9991	.9995	.9997
70.0	.9962	.9978	.9987	.9993	.9996	.9998	.9999
75.0	.9971	.9984	.9991	.9995	.9998	.9999	.9999
80.0	.9978	.9988	.9994	.9997	.9998	.9999	1.0000
90.0	.9988	.9994	.9997	.9999	.9999	1.0000	1.0000
100.0	.9993	.9997	.9998	.9999	1.0000	1.0000	1.0000



TABLE 3 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.7382	.7477	.7569	.7660	.7749	.7836	.7921
3.0	.7850	.7954	.8054	.8152	.8247	.8338	.8427
4.0	.8202	.8309	.8412	.8511	.8606	.8697	.8783
5.0	.8479	.8586	.8688	.8785	.8877	.8964	.9046
6.0	.8703	.8808	.8907	.9000	.9088	.9169	.9245
7.0	.8888	.8990	.9084	.9172	.9254	.9329	.9398
8.0	.9043	.9140	.9229	.9311	.9386	.9455	.9518
9.0	.9173	.9264	.9348	.9424	.9494	.9556	.9612
10.0	.9283	.9369	.9447	.9518	.9581	.9637	.9687
15.0	.9638	.9698	.9749	.9793	.9831	.9862	.9888
20.0	.9811	.9850	.9882	.9908	.9929	.9946	.9959
25.0	.9899	.9924	.9944	.9958	.9970	.9978	.9984
30.0	.9946	.9961	.9973	.9981	.9987	.9991	.9994
35.0	.9970	.9980	.9987	.9991	.9994	.9996	.9998
40.0	.9984	.9990	.9993	.9996	.9997	.9998	.9999
45.0	.9991	.9995	.9997	.9998	.9999	.9999	1.0000
50.0	.9995	.9997	.9998	.9999	.9999	1.0000	1.0000
60.0	.9998	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000



TABLE 3 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.8004	.8085	.8164	.8241	.8316	.8389	.8460
3.0	.8512	.8594	.8674	.8750	.8823	.8893	.8959
4.0	.8866	.8944	.9019	.9089	.9156	.9219	.9278
5.0	.9123	.9195	.9263	.9326	.9386	.9441	.9492
6.0	.9315	.9381	.9441	.9497	.9548	.9595	.9638
7.0	.9462	.9520	.9573	.9621	.9665	.9704	.9740
8.0	.9574	.9626	.9672	.9713	.9750	.9783	.9812
9.0	.9662	.9707	.9747	.9782	.9813	.9840	.9864
10.0	.9731	.9770	.9804	.9833	.9859	.9881	.9901
15.0	.9910	.9928	.9943	.9955	.9965	.9973	.9979
20.0	.9969	.9977	.9983	.9987	.9991	.9993	.9995
25.0	.9989	.9992	.9995	.9996	.9998	.9998	.9999
30.0	.9996	.9997	.9998	.9999	.9999	1.0000	1.0000
35.0	.9999	.9999	.9999	1.0000	1.0000	1.0000	1.0000
40.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 3 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.8528	.8595	.8660	.8722	.8783	.8841	.8898
3.0	.9023	.9085	.9143	.9198	.9251	.9301	.9349
4.0	.9334	.9387	.9436	.9483	.9526	.9566	.9603
5.0	.9539	.9583	.9623	.9660	.9694	.9725	.9754
6.0	.9677	.9713	.9745	.9774	.9801	.9824	.9846
7.0	.9772	.9801	.9826	.9849	.9869	.9887	.9902
8.0	.9838	.9861	.9881	.9898	.9913	.9926	.9938
9.0	.9884	.9902	.9918	.9931	.9942	.9952	.9960
10.0	.9917	.9931	.9943	.9953	.9961	.9968	.9974
15.0	.9984	.9987	.9990	.9993	.9995	.9996	.9997
20.0	.9997	.9998	.9998	.9999	.9999	.9999	1.0000
25.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Table 1. Summary of the data sets used in the study						
Dataset	Year	Location	Number of samples	Number of variables	Number of classes	Number of features
1	2010	USA	1000	10	10	10
2	2011	USA	1000	10	10	10
3	2012	USA	1000	10	10	10
4	2013	USA	1000	10	10	10
5	2014	USA	1000	10	10	10
6	2015	USA	1000	10	10	10
7	2016	USA	1000	10	10	10
8	2017	USA	1000	10	10	10
9	2018	USA	1000	10	10	10
10	2019	USA	1000	10	10	10
11	2020	USA	1000	10	10	10
12	2021	USA	1000	10	10	10
13	2022	USA	1000	10	10	10
14	2023	USA	1000	10	10	10
15	2024	USA	1000	10	10	10
16	2025	USA	1000	10	10	10
17	2026	USA	1000	10	10	10
18	2027	USA	1000	10	10	10
19	2028	USA	1000	10	10	10
20	2029	USA	1000	10	10	10
21	2030	USA	1000	10	10	10
22	2031	USA	1000	10	10	10
23	2032	USA	1000	10	10	10
24	2033	USA	1000	10	10	10
25	2034	USA	1000	10	10	10
26	2035	USA	1000	10	10	10
27	2036	USA	1000	10	10	10
28	2037	USA	1000	10	10	10
29	2038	USA	1000	10	10	10
30	2039	USA	1000	10	10	10
31	2040	USA	1000	10	10	10
32	2041	USA	1000	10	10	10
33	2042	USA	1000	10	10	10
34	2043	USA	1000	10	10	10
35	2044	USA	1000	10	10	10
36	2045	USA	1000	10	10	10
37	2046	USA	1000	10	10	10
38	2047	USA	1000	10	10	10
39	2048	USA	1000	10	10	10
40	2049	USA	1000	10	10	10
41	2050	USA	1000	10	10	10
42	2051	USA	1000	10	10	10
43	2052	USA	1000	10	10	10
44	2053	USA	1000	10	10	10
45	2054	USA	1000	10	10	10
46	2055	USA	1000	10	10	10
47	2056	USA	1000	10	10	10
48	2057	USA	1000	10	10	10
49	2058	USA	1000	10	10	10
50	2059	USA	1000	10	10	10
51	2060	USA	1000	10	10	10
52	2061	USA	1000	10	10	10
53	2062	USA	1000	10	10	10
54	2063	USA	1000	10	10	10
55	2064	USA	1000	10	10	10
56	2065	USA	1000	10	10	10
57	2066	USA	1000	10	10	10
58	2067	USA	1000	10	10	10
59	2068	USA	1000	10	10	10
60	2069	USA	1000	10	10	10
61	2070	USA	1000	10	10	10
62	2071	USA	1000	10	10	10
63	2072	USA	1000	10	10	10
64	2073	USA	1000	10	10	10
65	2074	USA	1000	10	10	10
66	2075	USA	1000	10	10	10
67	2076	USA	1000	10	10	10
68	2077	USA	1000	10	10	10
69	2078	USA	1000	10	10	10
70	2079	USA	1000	10	10	10
71	2080	USA	1000	10	10	10
72	2081	USA	1000	10	10	10
73	2082	USA	1000	10	10	10
74	2083	USA	1000	10	10	10
75	2084	USA	1000	10	10	10
76	2085	USA	1000	10	10	10
77	2086	USA	1000	10	10	10
78	2087	USA	1000	10	10	10
79	2088	USA	1000	10	10	10
80	2089	USA	1000	10	10	10
81	2090	USA	1000	10	10	10
82	2091	USA	1000	10	10	10
83	2092	USA	1000	10	10	10
84	2093	USA	1000	10	10	10
85	2094	USA	1000	10	10	10
86	2095	USA	1000	10	10	10
87	2096	USA	1000	10	10	10
88	2097	USA	1000	10	10	10
89	2098	USA	1000	10	10	10
90	2099	USA	1000	10	10	10
91	2100	USA	1000	10	10	10
92	2101	USA	1000	10	10	10
93	2102	USA	1000	10	10	10
94	2103	USA	1000	10	10	10
95	2104	USA	1000	10	10	10
96	2105	USA	1000	10	10	10
97	2106	USA	1000	10	10	10
98	2107	USA	1000	10	10	10
99	2108	USA	1000	10	10	10
100	2109	USA	1000	10	10	10
101	2110	USA	1000	10	10	10
102	2111	USA	1000	10	10	10
103	2112	USA	1000	10	10	10
104	2113	USA	1000	10	10	10
105	2114	USA	1000	10	10	10
106	2115	USA	1000	10	10	10
107	2116	USA	1000	10	10	10
108	2117	USA	1000	10	10	10
109	2118	USA	1000	10	10	10
110	2119	USA	1000	10	10	10
111	2120	USA	1000	10	10	10
112	2121	USA	1000	10	10	10
113	2122	USA	1000	10	10	10
114	2123	USA	1000	10	10	10
115	2124	USA	1000	10	10	10
116	2125	USA	1000	10	10	10
117	2126	USA	1000	10	10	10
118	2127	USA	1000	10	10	10
119	2128	USA	1000	10	10	10
120	2129	USA	1000	10	10	10
121	2130	USA	1000	10	10	10
122	2131	USA	1000	10	10	10
123	2132	USA	1000	10	10	10
124	2133	USA	1000	10	10	10
125	2134	USA	1000	10	10	10
126	2135	USA	1000	10	10	10
127	2136	USA	1000	10	10	10
128	2137	USA	1000	10	10	10
129	2138	USA	1000	10	10	10
130	2139	USA	1000	10	10	10
131	2140	USA	1000	10	10	10
132	2141	USA	1000	10	10	10
133	2142	USA	1000	10	10	10
134	2143	USA	1000	10	10	10
135	2144	USA	1000	10	10	10
136	2145	USA	1000	10	10	10
137	2146	USA	1000	10	10	10
138	2147	USA	1000	10	10	10
139	2148	USA	1000	10	10	10
140	2149	USA	1000	10	10	10
141	2150	USA	1000	10	10	10
142	2151	USA	1000	10	10	10
143	2152	USA	1000	10	10	10
144	2153	USA	1000	10	10	10
145	2154	USA	1000	10	10	10
146	2155	USA	1000	10	10	10
147	2156	USA	1000	10	10	10
148	2157	USA	1000	10	10	10
149	2158	USA	1000	10	10	10
150	2159	USA	1000	10	10	10
151	2160	USA	1000	10	10	10
152	2161	USA	1000	10	10	10
153	2162	USA	1000	10	10	10
154	2163	USA	1000	10	10	10
155	2164	USA	1000	10	10	10
156	2165	USA	1000	10	10	10
157	2166	USA	1000	10	10	10
158	2167	USA	1000	10	10	10
159	2168	USA	1000	10	10	10
160	2169	USA	1000	10	10	10
161	2170	USA	1000	10	10	10
162	2171	USA	1000	10	10	10
163	2172	USA	1000	10	10	10
164	2173	USA	1000	10	10	10
165	2174	USA	1000	10	10	10
166	2175	USA	1000	10	10	10
167	2176	USA	1000	10	10	10
168	2177	USA	1000	10	10	10
169	2178	USA	1000	10	10	10
170	2179	USA	1000	10	10	10
171	2180	USA	1000	10	10	10
172	2181	USA	1000	10	10	10
173	2182	USA	1000	10	10	10
174	2183	USA	1000	10	10	10
175	2184	USA	1000	10	10	10
176	2185	USA	1000	10	10	10
177	2186	USA	1000	10	10	10
178	2187	USA	1000	10	10	10
179	2188	USA	1000	10	10	10
180	2189	USA	1000	10	10	10
181	2190	USA	1000	10	10	10
182	2191	USA	1000	10	10	10
183	2192	USA	1000	10	10	10
184	2193	USA	1000	10	10	10
185	2194	USA	1000	10	10	10
186	2195	USA	1000	10	10	10
187	2196	USA	1000	10	10	10
188	2197	USA	1000	10	10	10
189	2198	USA	1000	10	10	10
190	2199	USA	1000	10	10	10
191	2200	USA	1000	10	10	10
192	2201	USA	1000	10	10	10
193	2202	USA	1000	10	10	10
194	2203	USA	1000	10	10	10
195	2204	USA	1000	10	10	10
196	2205	USA	1000	10	10	10
197	2206	USA	1000	10	10	10
198	2207	USA	1000	10	10	10
199	2208	USA	1000	10	10	10
200	2209	USA	1000	10	10	10
201	2210	USA	1000	10	10	10
202	2211	USA	1000	10	10	10
203	2212	USA	1000	10	10	10
204	2213	USA	1000	10	10	10
205	2214	USA	1000	10	10	10
206	2215	USA	1000	10	10	10
207	2216	USA	1000	10	10	10
208	2217	USA	1000	10	10	10
209	2218	USA	1000	10	10	1

TABLE 3 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.8952	.9005	.9056	.9104	.9151	.9196	.9239
3.0	.9393	.9436	.9476	.9514	.9550	.9583	.9615
4.0	.9638	.9670	.9700	.9728	.9753	.9777	.9798
5.0	.9780	.9804	.9825	.9845	.9862	.9878	.9892
6.0	.9865	.9882	.9897	.9910	.9922	.9933	.9942
7.0	.9916	.9928	.9938	.9948	.9955	.9962	.9968
8.0	.9947	.9956	.9963	.9969	.9974	.9979	.9982
9.0	.9967	.9973	.9978	.9982	.9985	.9988	.9990
10.0	.9979	.9983	.9986	.9989	.9991	.9993	.9995
15.0	.9998	.9998	.9999	.9999	.9999	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 1						
Summary of the results of the regression analysis						
Variable	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Constant	1.23	1.18	1.15	1.12	1.10	1.08
Age	0.02	0.02	0.02	0.02	0.02	0.02
Gender	0.15	0.15	0.15	0.15	0.15	0.15
Education	0.05	0.05	0.05	0.05	0.05	0.05
Income	0.08	0.08	0.08	0.08	0.08	0.08
Health	0.12	0.12	0.12	0.12	0.12	0.12
Marital status	0.10	0.10	0.10	0.10	0.10	0.10
Religious affiliation	0.05	0.05	0.05	0.05	0.05	0.05
Political affiliation	0.05	0.05	0.05	0.05	0.05	0.05
Occupation	0.05	0.05	0.05	0.05	0.05	0.05
Region	0.05	0.05	0.05	0.05	0.05	0.05
Year	0.05	0.05	0.05	0.05	0.05	0.05
Adjusted R-squared	0.15	0.15	0.15	0.15	0.15	0.15
F-statistic	1.23	1.18	1.15	1.12	1.10	1.08
Probability > F	0.15	0.15	0.15	0.15	0.15	0.15
Sum of Squares	1.23	1.18	1.15	1.12	1.10	1.08
Mean Square	1.23	1.18	1.15	1.12	1.10	1.08
Standard Error	1.23	1.18	1.15	1.12	1.10	1.08
Intercept	1.23	1.18	1.15	1.12	1.10	1.08
Age	0.02	0.02	0.02	0.02	0.02	0.02
Gender	0.15	0.15	0.15	0.15	0.15	0.15
Education	0.05	0.05	0.05	0.05	0.05	0.05
Income	0.08	0.08	0.08	0.08	0.08	0.08
Health	0.12	0.12	0.12	0.12	0.12	0.12
Marital status	0.10	0.10	0.10	0.10	0.10	0.10
Religious affiliation	0.05	0.05	0.05	0.05	0.05	0.05
Political affiliation	0.05	0.05	0.05	0.05	0.05	0.05
Occupation	0.05	0.05	0.05	0.05	0.05	0.05
Region	0.05	0.05	0.05	0.05	0.05	0.05
Year	0.05	0.05	0.05	0.05	0.05	0.05

TABLE 3 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9281	.9321	.9359	.9395	.9430	.9463	.9494
3.0	.9644	.9672	.9698	.9722	.9745	.9766	.9785
4.0	.9818	.9836	.9853	.9868	.9882	.9894	.9905
5.0	.9905	.9917	.9927	.9936	.9944	.9951	.9957
6.0	.9950	.9957	.9963	.9968	.9973	.9977	.9981
7.0	.9973	.9978	.9981	.9984	.9987	.9989	.9991
8.0	.9986	.9988	.9990	.9992	.9994	.9995	.9996
9.0	.9992	.9994	.9995	.9996	.9997	.9998	.9998
10.0	.9996	.9997	.9997	.9998	.9998	.9999	.9999
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 4
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PC= .020

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.5196	.5315	.5434	.5552	.5669	.5787	.5903
3.0	.5281	.5426	.5571	.5715	.5859	.6001	.6142
4.0	.5347	.5515	.5682	.5847	.6012	.6175	.6336
5.0	.5403	.5591	.5777	.5961	.6144	.6324	.6502
6.0	.5453	.5658	.5861	.6062	.6261	.6456	.6648
7.0	.5498	.5719	.5937	.6154	.6366	.6575	.6780
8.0	.5539	.5775	.6008	.6238	.6463	.6684	.6900
9.0	.5577	.5827	.6073	.6316	.6553	.6785	.7010
10.0	.5613	.5875	.6134	.6389	.6637	.6879	.7113
15.0	.5767	.6085	.6397	.6700	.6993	.7273	.7540
20.0	.5894	.6258	.6612	.6952	.7277	.7584	.7871
25.0	.6004	.6407	.6796	.7166	.7515	.7840	.8139
30.0	.6102	.6540	.6958	.7352	.7720	.8057	.8362
35.0	.6192	.6660	.7103	.7518	.7899	.8244	.8551
40.0	.6274	.6770	.7236	.7667	.8058	.8407	.8712
45.0	.6351	.6871	.7357	.7802	.8200	.8551	.8853
50.0	.6423	.6966	.7469	.7925	.8329	.8679	.8975
60.0	.6556	.7139	.7670	.8143	.8552	.8895	.9176
70.0	.6676	.7293	.7847	.8330	.8738	.9070	.9334
75.0	.6732	.7364	.7928	.8414	.8820	.9146	.9400
80.0	.6786	.7432	.8005	.8493	.8895	.9214	.9458
90.0	.6887	.7560	.8146	.8636	.9030	.9333	.9558
100.0	.6982	.7677	.8274	.8762	.9146	.9433	.9638

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104
105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128
129	130	131	132	133	134	135	136
137	138	139	140	141	142	143	144
145	146	147	148	149	150	151	152
153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168
169	170	171	172	173	174	175	176
177	178	179	180	181	182	183	184
185	186	187	188	189	190	191	192
193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208
209	210	211	212	213	214	215	216
217	218	219	220	221	222	223	224
225	226	227	228	229	230	231	232
233	234	235	236	237	238	239	240
241	242	243	244	245	246	247	248
249	250	251	252	253	254	255	256
257	258	259	260	261	262	263	264
265	266	267	268	269	270	271	272
273	274	275	276	277	278	279	280
281	282	283	284	285	286	287	288
289	290	291	292	293	294	295	296
297	298	299	300	301	302	303	304
305	306	307	308	309	310	311	312
313	314	315	316	317	318	319	320
321	322	323	324	325	326	327	328
329	330	331	332	333	334	335	336
337	338	339	340	341	342	343	344
345	346	347	348	349	350	351	352
353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368
369	370	371	372	373	374	375	376
377	378	379	380	381	382	383	384
385	386	387	388	389	390	391	392
393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408
409	410	411	412	413	414	415	416
417	418	419	420	421	422	423	424
425	426	427	428	429	430	431	432
433	434	435	436	437	438	439	440
441	442	443	444	445	446	447	448
449	450	451	452	453	454	455	456
457	458	459	460	461	462	463	464
465	466	467	468	469	470	471	472
473	474	475	476	477	478	479	480
481	482	483	484	485	486	487	488
489	490	491	492	493	494	495	496
497	498	499	500	501	502	503	504
505	506	507	508	509	510	511	512
513	514	515	516	517	518	519	520
521	522	523	524	525	526	527	528
529	530	531	532	533	534	535	536
537	538	539	540	541	542	543	544
545	546	547	548	549	550	551	552
553	554	555	556	557	558	559	560
561	562	563	564	565	566	567	568
569	570	571	572	573	574	575	576
577	578	579	580	581	582	583	584
585	586	587	588	589	590	591	592
593	594	595	596	597	598	599	600
601	602	603	604	605	606	607	608
609	610	611	612	613	614	615	616
617	618	619	620	621	622	623	624
625	626	627	628	629	630	631	632
633	634	635	636	637	638	639	640
641	642	643	644	645	646	647	648
649	650	651	652	653	654	655	656
657	658	659	660	661	662	663	664
665	666	667	668	669	670	671	672
673	674	675	676	677	678	679	680
681	682	683	684	685	686	687	688
689	690	691	692	693	694	695	696
697	698	699	700	701	702	703	704
705	706	707	708	709	710	711	712
713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728
729	730	731	732	733	734	735	736
737	738	739	740	741	742	743	744
745	746	747	748	749	750	751	752
753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768
769	770	771	772	773	774	775	776
777	778	779	780	781	782	783	784
785	786	787	788	789	790	791	792
793	794	795	796	797	798	799	800
801	802	803	804	805	806	807	808
809	810	811	812	813	814	815	816
817	818	819	820	821	822	823	824
825	826	827	828	829	830	831	832
833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848
849	850	851	852	853	854	855	856
857	858	859	860	861	862	863	864
865	866	867	868	869	870	871	872
873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888
889	890	891	892	893	894	895	896
897	898	899	900	901	902	903	904
905	906	907	908	909	910	911	912
913	914	915	916	917	918	919	920
921	922	923	924	925	926	927	928
929	930	931	932	933	934	935	936
937	938	939	940	941	942	943	944
945	946	947	948	949	950	951	952
953	954	955	956	957	958	959	960
961	962	963	964	965	966	967	968
969	970	971	972	973	974	975	976
977	978	979	980	981	982	983	984
985	986	987	988	989	990	991	992
993	994	995	996	997	998	999	1000

TABLE 4 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.6019	.6134	.6249	.6362	.6474	.6585	.6694
3.0	.6282	.6420	.6557	.6691	.6824	.6954	.7083
4.0	.6495	.6651	.6805	.6955	.7103	.7247	.7388
5.0	.6676	.6847	.7015	.7178	.7337	.7492	.7642
6.0	.6836	.7019	.7198	.7371	.7539	.7701	.7858
7.0	.6979	.7173	.7361	.7542	.7717	.7885	.8045
8.0	.7109	.7312	.7507	.7695	.7875	.8047	.8210
9.0	.7229	.7439	.7641	.7834	.8017	.8192	.8356
10.0	.7339	.7556	.7763	.7960	.8146	.8322	.8487
15.0	.7793	.8031	.8252	.8458	.8647	.8819	.8976
20.0	.8138	.8383	.8606	.8806	.8989	.9148	.9289
25.0	.8411	.8656	.8875	.9066	.9233	.9376	.9498
30.0	.8634	.8874	.9083	.9262	.9413	.9538	.9642
35.0	.8819	.9051	.9248	.9412	.9547	.9656	.9742
40.0	.8975	.9197	.9380	.9529	.9648	.9742	.9813
45.0	.9107	.9317	.9487	.9622	.9726	.9805	.9864
50.0	.9220	.9418	.9574	.9695	.9786	.9853	.9901
60.0	.9400	.9573	.9704	.9800	.9868	.9915	.9947
70.0	.9536	.9685	.9793	.9867	.9918	.9950	.9971
75.0	.9590	.9729	.9826	.9892	.9935	.9962	.9979
80.0	.9638	.9766	.9854	.9912	.9948	.9971	.9984
90.0	.9717	.9826	.9896	.9941	.9967	.9983	.9991
100.0	.9778	.9869	.9926	.9960	.9979	.9990	.9995



TABLE 4 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.6803	.6910	.7015	.7119	.7221	.7321	.7420
3.0	.7208	.7331	.7452	.7569	.7684	.7796	.7904
4.0	.7526	.7659	.7788	.7914	.8035	.8152	.8265
5.0	.7787	.7927	.8061	.8190	.8314	.8433	.8546
6.0	.8008	.8151	.8288	.8419	.8543	.8661	.8771
7.0	.8198	.8343	.8481	.8611	.8734	.8848	.8956
8.0	.8364	.8510	.8647	.8775	.8894	.9005	.9108
9.0	.8511	.8655	.8790	.8916	.9031	.9138	.9236
10.0	.8641	.8784	.8916	.9038	.9149	.9251	.9343
15.0	.9117	.9243	.9355	.9454	.9541	.9616	.9681
20.0	.9411	.9516	.9605	.9681	.9744	.9797	.9840
25.0	.9600	.9684	.9754	.9810	.9855	.9890	.9918
30.0	.9725	.9792	.9845	.9885	.9917	.9940	.9957
35.0	.9810	.9862	.9901	.9930	.9952	.9967	.9978
40.0	.9867	.9907	.9937	.9957	.9972	.9982	.9988
45.0	.9907	.9938	.9959	.9974	.9983	.9990	.9994
50.0	.9935	.9958	.9973	.9984	.9990	.9994	.9997
60.0	.9967	.9981	.9989	.9994	.9997	.9998	.9999
70.0	.9984	.9991	.9995	.9998	.9999	.9999	1.0000
75.0	.9988	.9994	.9997	.9998	.9999	1.0000	1.0000
80.0	.9992	.9996	.9998	.9999	1.0000	1.0000	1.0000
90.0	.9996	.9998	.9999	1.0000	1.0000	1.0000	1.0000
100.0	.9998	.9999	1.0000	1.0000	1.0000	1.0000	1.0000



TABLE 4 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.7517	.7612	.7705	.7796	.7884	.7971	.8056
3.0	.8010	.8112	.8211	.8307	.8400	.8489	.8575
4.0	.8373	.8477	.8576	.8671	.8762	.8849	.8931
5.0	.8653	.8755	.8852	.8943	.9029	.9110	.9185
6.0	.8876	.8974	.9066	.9151	.9231	.9305	.9373
7.0	.9056	.9149	.9235	.9314	.9387	.9453	.9514
8.0	.9203	.9290	.9370	.9442	.9508	.9568	.9621
9.0	.9325	.9406	.9479	.9545	.9604	.9657	.9704
10.0	.9426	.9501	.9568	.9627	.9680	.9726	.9767
15.0	.9737	.9784	.9824	.9858	.9886	.9909	.9928
20.0	.9875	.9903	.9926	.9944	.9958	.9968	.9977
25.0	.9939	.9956	.9968	.9977	.9984	.9989	.9992
30.0	.9970	.9979	.9986	.9991	.9994	.9996	.9997
35.0	.9985	.9990	.9994	.9996	.9998	.9999	.9999
40.0	.9993	.9995	.9997	.9998	.9999	.9999	1.0000
45.0	.9996	.9998	.9999	.9999	1.0000	1.0000	1.0000
50.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 4 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.8139	.8219	.8298	.8374	.8448	.8520	.8589
3.0	.8658	.8738	.8814	.8887	.8957	.9023	.9087
4.0	.9009	.9082	.9152	.9218	.9279	.9337	.9392
5.0	.9256	.9322	.9384	.9441	.9494	.9543	.9588
6.0	.9436	.9495	.9548	.9596	.9641	.9681	.9718
7.0	.9570	.9620	.9665	.9706	.9743	.9776	.9805
8.0	.9670	.9713	.9751	.9785	.9815	.9841	.9864
9.0	.9745	.9782	.9814	.9842	.9866	.9887	.9905
10.0	.9803	.9834	.9860	.9883	.9903	.9919	.9934
15.0	.9943	.9955	.9965	.9973	.9979	.9984	.9988
20.0	.9983	.9988	.9991	.9994	.9995	.9997	.9998
25.0	.9995	.9996	.9998	.9998	.9999	.9999	1.0000
30.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
35.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000



TABLE 4 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.8657	.8722	.8785	.8846	.8904	.8961	.9016
3.0	.9147	.9204	.9259	.9311	.9360	.9406	.9449
4.0	.9443	.9490	.9535	.9576	.9614	.9649	.9682
5.0	.9630	.9668	.9702	.9734	.9763	.9789	.9813
6.0	.9751	.9781	.9807	.9831	.9853	.9872	.9889
7.0	.9831	.9854	.9874	.9892	.9908	.9921	.9933
8.0	.9885	.9902	.9917	.9930	.9942	.9951	.9959
9.0	.9921	.9934	.9945	.9955	.9963	.9970	.9975
10.0	.9945	.9955	.9964	.9971	.9976	.9981	.9985
15.0	.9991	.9993	.9995	.9996	.9997	.9998	.9999
20.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE I							
Summary of the results of the experiments							
Experiment	Number of subjects	Number of trials	Number of correct responses	Number of incorrect responses	Number of correct responses per trial	Number of incorrect responses per trial	Number of correct responses per subject
1	10	100	80	20	0.80	0.20	8.0
2	10	100	75	25	0.75	0.25	7.5
3	10	100	70	30	0.70	0.30	7.0
4	10	100	65	35	0.65	0.35	6.5
5	10	100	60	40	0.60	0.40	6.0
6	10	100	55	45	0.55	0.45	5.5
7	10	100	50	50	0.50	0.50	5.0
8	10	100	45	55	0.45	0.55	4.5
9	10	100	40	60	0.40	0.60	4.0
10	10	100	35	65	0.35	0.65	3.5
11	10	100	30	70	0.30	0.70	3.0
12	10	100	25	75	0.25	0.75	2.5
13	10	100	20	80	0.20	0.80	2.0
14	10	100	15	85	0.15	0.85	1.5
15	10	100	10	90	0.10	0.90	1.0
16	10	100	5	95	0.05	0.95	0.5
17	10	100	0	100	0.00	1.00	0.0
18	10	100	0	100	0.00	1.00	0.0
19	10	100	0	100	0.00	1.00	0.0
20	10	100	0	100	0.00	1.00	0.0
21	10	100	0	100	0.00	1.00	0.0
22	10	100	0	100	0.00	1.00	0.0
23	10	100	0	100	0.00	1.00	0.0
24	10	100	0	100	0.00	1.00	0.0
25	10	100	0	100	0.00	1.00	0.0
26	10	100	0	100	0.00	1.00	0.0
27	10	100	0	100	0.00	1.00	0.0
28	10	100	0	100	0.00	1.00	0.0
29	10	100	0	100	0.00	1.00	0.0
30	10	100	0	100	0.00	1.00	0.0
31	10	100	0	100	0.00	1.00	0.0
32	10	100	0	100	0.00	1.00	0.0
33	10	100	0	100	0.00	1.00	0.0
34	10	100	0	100	0.00	1.00	0.0
35	10	100	0	100	0.00	1.00	0.0
36	10	100	0	100	0.00	1.00	0.0
37	10	100	0	100	0.00	1.00	0.0
38	10	100	0	100	0.00	1.00	0.0
39	10	100	0	100	0.00	1.00	0.0
40	10	100	0	100	0.00	1.00	0.0
41	10	100	0	100	0.00	1.00	0.0
42	10	100	0	100	0.00	1.00	0.0
43	10	100	0	100	0.00	1.00	0.0
44	10	100	0	100	0.00	1.00	0.0
45	10	100	0	100	0.00	1.00	0.0
46	10	100	0	100	0.00	1.00	0.0
47	10	100	0	100	0.00	1.00	0.0
48	10	100	0	100	0.00	1.00	0.0
49	10	100	0	100	0.00	1.00	0.0
50	10	100	0	100	0.00	1.00	0.0
51	10	100	0	100	0.00	1.00	0.0
52	10	100	0	100	0.00	1.00	0.0
53	10	100	0	100	0.00	1.00	0.0
54	10	100	0	100	0.00	1.00	0.0
55	10	100	0	100	0.00	1.00	0.0
56	10	100	0	100	0.00	1.00	0.0
57	10	100	0	100	0.00	1.00	0.0
58	10	100	0	100	0.00	1.00	0.0
59	10	100	0	100	0.00	1.00	0.0
60	10	100	0	100	0.00	1.00	0.0
61	10	100	0	100	0.00	1.00	0.0
62	10	100	0	100	0.00	1.00	0.0
63	10	100	0	100	0.00	1.00	0.0
64	10	100	0	100	0.00	1.00	0.0
65	10	100	0	100	0.00	1.00	0.0
66	10	100	0	100	0.00	1.00	0.0
67	10	100	0	100	0.00	1.00	0.0
68	10	100	0	100	0.00	1.00	0.0
69	10	100	0	100	0.00	1.00	0.0
70	10	100	0	100	0.00	1.00	0.0
71	10	100	0	100	0.00	1.00	0.0
72	10	100	0	100	0.00	1.00	0.0
73	10	100	0	100	0.00	1.00	0.0
74	10	100	0	100	0.00	1.00	0.0
75	10	100	0	100	0.00	1.00	0.0
76	10	100	0	100	0.00	1.00	0.0
77	10	100	0	100	0.00	1.00	0.0
78	10	100	0	100	0.00	1.00	0.0
79	10	100	0	100	0.00	1.00	0.0
80	10	100	0	100	0.00	1.00	0.0
81	10	100	0	100	0.00	1.00	0.0
82	10	100	0	100	0.00	1.00	0.0
83	10	100	0	100	0.00	1.00	0.0
84	10	100	0	100	0.00	1.00	0.0
85	10	100	0	100	0.00	1.00	0.0
86	10	100	0	100	0.00	1.00	0.0
87	10	100	0	100	0.00	1.00	0.0
88	10	100	0	100	0.00	1.00	0.0
89	10	100	0	100	0.00	1.00	0.0
90	10	100	0	100	0.00	1.00	0.0
91	10	100	0	100	0.00	1.00	0.0
92	10	100	0	100	0.00	1.00	0.0
93	10	100	0	100	0.00	1.00	0.0
94	10	100	0	100	0.00	1.00	0.0
95	10	100	0	100	0.00	1.00	0.0
96	10	100	0	100	0.00	1.00	0.0
97	10	100	0	100	0.00	1.00	0.0
98	10	100	0	100	0.00	1.00	0.0
99	10	100	0	100	0.00	1.00	0.0
100	10	100	0	100	0.00	1.00	0.0

TABLE 4 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.9068	.9118	.9167	.9213	.9257	.9300	.9341
3.0	.9490	.9529	.9565	.9599	.9631	.9661	.9689
4.0	.9712	.9740	.9766	.9789	.9810	.9830	.9848
5.0	.9834	.9854	.9871	.9887	.9901	.9913	.9924
6.0	.9903	.9917	.9928	.9938	.9947	.9955	.9962
7.0	.9943	.9952	.9960	.9966	.9972	.9976	.9980
8.0	.9966	.9972	.9977	.9981	.9985	.9987	.9990
9.0	.9980	.9984	.9987	.9990	.9992	.9993	.9995
10.0	.9988	.9990	.9993	.9994	.9995	.9996	.9997
15.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000



TABLE 4 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9379	.9416	.9452	.9485	.9517	.9548	.9577
3.0	.9714	.9739	.9761	.9782	.9801	.9819	.9835
4.0	.9864	.9879	.9892	.9904	.9915	.9925	.9933
5.0	.9934	.9942	.9950	.9957	.9963	.9968	.9972
6.0	.9967	.9972	.9977	.9980	.9983	.9986	.9988
7.0	.9984	.9987	.9989	.9991	.9993	.9994	.9995
8.0	.9992	.9993	.9995	.9996	.9997	.9997	.9998
9.0	.9996	.9997	.9997	.9998	.9998	.9999	.9999
10.0	.9998	.9998	.9999	.9999	.9999	.9999	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 5
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PO= .030

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.5298	.5419	.5540	.5660	.5779	.5898	.6017
3.0	.5419	.5566	.5713	.5860	.6005	.6149	.6292
4.0	.5513	.5683	.5853	.6020	.6186	.6351	.6513
5.0	.5593	.5783	.5971	.6158	.6341	.6522	.6700
6.0	.5664	.5871	.6076	.6279	.6478	.6673	.6865
7.0	.5728	.5951	.6171	.6388	.6601	.6809	.7012
8.0	.5786	.6024	.6258	.6488	.6713	.6933	.7145
9.0	.5841	.6092	.6339	.6581	.6817	.7046	.7268
10.0	.5892	.6155	.6414	.6667	.6913	.7151	.7381
15.0	.6110	.6427	.6735	.7032	.7317	.7588	.7843
20.0	.6288	.6648	.6994	.7323	.7633	.7923	.8192
25.0	.6442	.6837	.7212	.7565	.7893	.8194	.8467
30.0	.6579	.7003	.7403	.7773	.8112	.8418	.8690
35.0	.6702	.7152	.7571	.7955	.8301	.8607	.8874
40.0	.6815	.7287	.7722	.8116	.8465	.8769	.9028
45.0	.6919	.7411	.7859	.8259	.8609	.8908	.9158
50.0	.7017	.7525	.7984	.8388	.8736	.9029	.9268
60.0	.7193	.7730	.8204	.8611	.8951	.9227	.9444
70.0	.7351	.7909	.8392	.8796	.9124	.9380	.9574
75.0	.7424	.7991	.8477	.8878	.9198	.9444	.9626
80.0	.7493	.8068	.8555	.8953	.9265	.9500	.9672
90.0	.7623	.8211	.8698	.9085	.9380	.9596	.9746
100.0	.7742	.8339	.8823	.9199	.9476	.9672	.9803

TABLE 5 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.6135	.6251	.6367	.6482	.6595	.6707	.6818
3.0	.6433	.6573	.6710	.6846	.6979	.7109	.7238
4.0	.6672	.6829	.6983	.7133	.7280	.7424	.7564
5.0	.6875	.7045	.7212	.7374	.7531	.7683	.7830
6.0	.7052	.7233	.7410	.7580	.7745	.7903	.8055
7.0	.7209	.7400	.7584	.7761	.7931	.8093	.8248
8.0	.7351	.7550	.7740	.7922	.8096	.8260	.8415
9.0	.7481	.7686	.7881	.8067	.8242	.8408	.8563
10.0	.7600	.7810	.8009	.8197	.8374	.8539	.8693
15.0	.8083	.8305	.8511	.8700	.8872	.9027	.9166
20.0	.8437	.8661	.8861	.9040	.9197	.9334	.9452
25.0	.8711	.8927	.9117	.9280	.9419	.9537	.9634
30.0	.8928	.9133	.9308	.9455	.9576	.9674	.9753
35.0	.9103	.9295	.9454	.9584	.9687	.9769	.9832
40.0	.9245	.9424	.9567	.9681	.9768	.9835	.9885
45.0	.9363	.9527	.9655	.9754	.9828	.9882	.9920
50.0	.9460	.9610	.9724	.9809	.9871	.9915	.9945
60.0	.9610	.9733	.9822	.9885	.9927	.9955	.9973
70.0	.9716	.9816	.9885	.9930	.9959	.9976	.9987
75.0	.9757	.9847	.9907	.9945	.9969	.9983	.9991
80.0	.9792	.9872	.9924	.9957	.9976	.9987	.9994
90.0	.9847	.9911	.9950	.9973	.9986	.9993	.9997
100.0	.9887	.9938	.9967	.9983	.9992	.9996	.9998

TABLE 5 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.6928	.7035	.7142	.7246	.7349	.7450	.7549
3.0	.7363	.7486	.7606	.7723	.7836	.7947	.8054
4.0	.7699	.7831	.7958	.8081	.8199	.8313	.8423
5.0	.7972	.8108	.8239	.8364	.8483	.8597	.8705
6.0	.8200	.8338	.8470	.8594	.8712	.8823	.8927
7.0	.8394	.8533	.8663	.8785	.8900	.9006	.9105
8.0	.8562	.8699	.8827	.8946	.9056	.9157	.9251
9.0	.8708	.8842	.8967	.9081	.9186	.9282	.9370
10.0	.8836	.8967	.9087	.9197	.9297	.9387	.9468
15.0	.9290	.9399	.9495	.9578	.9650	.9712	.9764
20.0	.9554	.9640	.9712	.9771	.9820	.9860	.9892
25.0	.9715	.9780	.9832	.9873	.9906	.9930	.9949
30.0	.9815	.9864	.9901	.9929	.9950	.9965	.9976
35.0	.9879	.9915	.9941	.9960	.9973	.9982	.9988
40.0	.9921	.9947	.9965	.9977	.9985	.9991	.9994
45.0	.9948	.9966	.9979	.9987	.9992	.9995	.9997
50.0	.9965	.9979	.9987	.9992	.9996	.9998	.9999
60.0	.9985	.9991	.9995	.9997	.9999	.9999	1.0000
70.0	.9993	.9996	.9998	.9999	1.0000	1.0000	1.0000
75.0	.9995	.9998	.9999	.9999	1.0000	1.0000	1.0000
80.0	.9997	.9999	.9999	1.0000	1.0000	1.0000	1.0000
90.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Table 1. Summary of the data used in the study							
Variable	Unit	Mean	SD	Min	Max	Range	Skewness
Age	Years	65.2	5.8	55	75	20	0.1
Gender	Male/Female	50/50	0	0	100	100	0
Education	Years	12.5	2.1	8	16	8	0.2
Income	Dollars	35,000	15,000	10,000	60,000	50,000	0.3
Health	Good/Bad	60/40	0	0	100	100	0
Marital Status	Married/Single	70/30	0	0	100	100	0
Employment	Employed/Unemployed	65/35	0	0	100	100	0
Religion	Protestant/Catholic	40/60	0	0	100	100	0
Political Affiliation	Democrat/Republican	55/45	0	0	100	100	0
Volunteering	Yes/No	45/55	0	0	100	100	0
Charitable Giving	Dollars	500	200	0	1,000	1,000	0.4
Community Involvement	High/Low	60/40	0	0	100	100	0
Life Satisfaction	1-5	3.2	0.8	1	5	4	0.1
Trust in Government	High/Low	50/50	0	0	100	100	0
Confidence in President	High/Low	55/45	0	0	100	100	0
Support for Military Spending	Yes/No	60/40	0	0	100	100	0
Environmental Concern	High/Low	65/35	0	0	100	100	0
Willingness to Pay for Clean Environment	Dollars	1,000	500	0	2,000	2,000	0.5
Perceived Government Corruption	High/Low	40/60	0	0	100	100	0
Perceived Economic Inequality	High/Low	50/50	0	0	100	100	0
Perceived Social Inequality	High/Low	55/45	0	0	100	100	0
Perceived Racial Inequality	High/Low	60/40	0	0	100	100	0
Perceived Gender Inequality	High/Low	65/35	0	0	100	100	0
Perceived LGBTQ+ Inequality	High/Low	70/30	0	0	100	100	0
Perceived Disability Inequality	High/Low	75/25	0	0	100	100	0
Perceived Religious Inequality	High/Low	80/20	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	85/15	0	0	100	100	0
Perceived Language Inequality	High/Low	90/10	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	95/5	0	0	100	100	0
Perceived Disability Inequality	High/Low	98/2	0	0	100	100	0
Perceived Religious Inequality	High/Low	99/1	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.5/0.5	0	0	100	100	0
Perceived Language Inequality	High/Low	99.8/0.2	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.9/0.1	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.95/0.05	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.98/0.02	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.99/0.01	0	0	100	100	0
Perceived Language Inequality	High/Low	99.995/0.005	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.998/0.002	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.999/0.001	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.9995/0.0005	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.9998/0.0002	0	0	100	100	0
Perceived Language Inequality	High/Low	99.9999/0.0001	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.99995/0.00005	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.99998/0.00002	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.99999/0.00001	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.999995/0.000005	0	0	100	100	0
Perceived Language Inequality	High/Low	99.999998/0.000002	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.999999/0.000001	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.9999995/0.0000005	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.9999998/0.0000002	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.9999999/0.0000001	0	0	100	100	0
Perceived Language Inequality	High/Low	99.99999995/0.00000005	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.99999998/0.00000002	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.99999999/0.00000001	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.999999995/0.000000005	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.999999998/0.000000002	0	0	100	100	0
Perceived Language Inequality	High/Low	99.999999999/0.000000001	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.9999999995/0.0000000005	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.9999999998/0.0000000002	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.9999999999/0.0000000001	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.99999999995/0.00000000005	0	0	100	100	0
Perceived Language Inequality	High/Low	99.99999999998/0.00000000002	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.99999999999/0.00000000001	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.999999999995/0.000000000005	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.999999999998/0.000000000002	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.999999999999/0.000000000001	0	0	100	100	0
Perceived Language Inequality	High/Low	99.9999999999995/0.0000000000005	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.9999999999998/0.0000000000002	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.9999999999999/0.0000000000001	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.99999999999995/0.00000000000005	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.99999999999998/0.00000000000002	0	0	100	100	0
Perceived Language Inequality	High/Low	99.99999999999999/0.00000000000001	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.999999999999995/0.000000000000005	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.999999999999998/0.000000000000002	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.999999999999999/0.000000000000001	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.9999999999999995/0.0000000000000005	0	0	100	100	0
Perceived Language Inequality	High/Low	99.9999999999999998/0.0000000000000002	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.9999999999999999/0.0000000000000001	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.99999999999999995/0.00000000000000005	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.99999999999999998/0.00000000000000002	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.99999999999999999/0.00000000000000001	0	0	100	100	0
Perceived Language Inequality	High/Low	99.999999999999999995/0.000000000000000005	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.999999999999999998/0.000000000000000002	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.999999999999999999/0.000000000000000001	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.9999999999999999995/0.0000000000000000005	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.9999999999999999998/0.0000000000000000002	0	0	100	100	0
Perceived Language Inequality	High/Low	99.9999999999999999999/0.0000000000000000001	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.99999999999999999995/0.00000000000000000005	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.99999999999999999998/0.00000000000000000002	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.99999999999999999999/0.00000000000000000001	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.999999999999999999995/0.000000000000000000005	0	0	100	100	0
Perceived Language Inequality	High/Low	99.999999999999999999998/0.000000000000000000002	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.999999999999999999999/0.000000000000000000001	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.9999999999999999999995/0.0000000000000000000005	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.9999999999999999999998/0.0000000000000000000002	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.9999999999999999999999/0.0000000000000000000001	0	0	100	100	0
Perceived Language Inequality	High/Low	99.99999999999999999999995/0.00000000000000000000005	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.99999999999999999999998/0.00000000000000000000002	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.99999999999999999999999/0.00000000000000000000001	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.999999999999999999999995/0.000000000000000000000005	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.999999999999999999999998/0.000000000000000000000002	0	0	100	100	0
Perceived Language Inequality	High/Low	99.999999999999999999999999/0.000000000000000000000001	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.9999999999999999999999995/0.0000000000000000000000005	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.9999999999999999999999998/0.0000000000000000000000002	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.9999999999999999999999999/0.0000000000000000000000001	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.99999999999999999999999995/0.00000000000000000000000005	0	0	100	100	0
Perceived Language Inequality	High/Low	99.99999999999999999999999998/0.00000000000000000000000002	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.99999999999999999999999999/0.00000000000000000000000001	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.999999999999999999999999995/0.000000000000000000000000005	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.999999999999999999999999998/0.000000000000000000000000002	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.999999999999999999999999999/0.000000000000000000000000001	0	0	100	100	0
Perceived Language Inequality	High/Low	99.9999999999999999999999999995/0.0000000000000000000000000005	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.9999999999999999999999999998/0.0000000000000000000000000002	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.9999999999999999999999999999/0.0000000000000000000000000001	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.99999999999999999999999999995/0.00000000000000000000000000005	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.99999999999999999999999999998/0.00000000000000000000000000002	0	0	100	100	0
Perceived Language Inequality	High/Low	99.99999999999999999999999999999/0.00000000000000000000000000001	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.999999999999999999999999999995/0.000000000000000000000000000005	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.999999999999999999999999999998/0.000000000000000000000000000002	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.999999999999999999999999999999/0.000000000000000000000000000001	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.9999999999999999999999999999995/0.0000000000000000000000000000005	0	0	100	100	0
Perceived Language Inequality	High/Low	99.9999999999999999999999999999998/0.0000000000000000000000000000002	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.9999999999999999999999999999999/0.0000000000000000000000000000001	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.99999999999999999999999999999995/0.00000000000000000000000000000005	0	0	100	100	0
Perceived Religious Inequality	High/Low	99.99999999999999999999999999999998/0.00000000000000000000000000000002	0	0	100	100	0
Perceived Ethnic Inequality	High/Low	99.99999999999999999999999999999999/0.00000000000000000000000000000001	0	0	100	100	0
Perceived Language Inequality	High/Low	99.999999999999999999999999999999995/0.000000000000000000000000000000005	0	0	100	100	0
Perceived Sexual Orientation Inequality	High/Low	99.999999999999999999999999999999998/0.000000000000000000000000000000002	0	0	100	100	0
Perceived Disability Inequality	High/Low	99.9999					

TABLE 5 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.7646	.7741	.7834	.7924	.8013	.8099	.8184
3.0	.8158	.8259	.8356	.8449	.8540	.8626	.8710
4.0	.8527	.8627	.8723	.8814	.8900	.8982	.9060
5.0	.8807	.8903	.8994	.9079	.9159	.9234	.9304
6.0	.9024	.9115	.9200	.9278	.9351	.9418	.9479
7.0	.9197	.9282	.9359	.9430	.9495	.9554	.9607
8.0	.9336	.9414	.9484	.9548	.9605	.9656	.9702
9.0	.9448	.9519	.9583	.9639	.9690	.9734	.9773
10.0	.9540	.9605	.9661	.9712	.9755	.9793	.9826
15.0	.9809	.9846	.9876	.9902	.9922	.9939	.9953
20.0	.9917	.9938	.9953	.9965	.9974	.9981	.9987
25.0	.9964	.9974	.9982	.9987	.9991	.9994	.9996
30.0	.9984	.9989	.9993	.9995	.9997	.9998	.9999
35.0	.9993	.9995	.9997	.9998	.9999	.9999	1.0000
40.0	.9997	.9998	.9999	.9999	1.0000	1.0000	1.0000
45.0	.9998	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 5 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.8266	.8345	.8423	.8498	.8570	.8641	.8709
3.0	.8790	.8866	.8939	.9009	.9075	.9138	.9198
4.0	.9133	.9202	.9266	.9327	.9384	.9437	.9487
5.0	.9369	.9429	.9484	.9536	.9583	.9626	.9666
6.0	.9535	.9587	.9633	.9676	.9714	.9749	.9780
7.0	.9655	.9699	.9737	.9772	.9802	.9829	.9853
8.0	.9743	.9779	.9811	.9838	.9863	.9884	.9902
9.0	.9807	.9837	.9863	.9885	.9904	.9920	.9934
10.0	.9855	.9879	.9900	.9918	.9933	.9945	.9955
15.0	.9964	.9972	.9979	.9984	.9988	.9991	.9993
20.0	.9990	.9993	.9995	.9997	.9998	.9998	.9999
25.0	.9997	.9998	.9999	.9999	1.0000	1.0000	1.0000
30.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 5 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.8775	.8838	.8899	.8958	.9015	.9069	.9121
3.0	.9255	.9308	.9359	.9407	.9452	.9494	.9534
4.0	.9533	.9575	.9615	.9652	.9685	.9716	.9745
5.0	.9702	.9735	.9764	.9791	.9816	.9838	.9857
6.0	.9807	.9832	.9854	.9874	.9891	.9906	.9919
7.0	.9874	.9893	.9909	.9923	.9935	.9945	.9954
8.0	.9918	.9931	.9942	.9952	.9961	.9968	.9973
9.0	.9946	.9955	.9964	.9970	.9976	.9981	.9985
10.0	.9964	.9971	.9977	.9982	.9985	.9989	.9991
15.0	.9995	.9996	.9997	.9998	.9999	.9999	.9999
20.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

1900		1901		1902		1903		1904		1905		1906		1907		1908		1909		1910		1911		1912		1913		1914		1915		1916		1917		1918		1919		1920		1921		1922		1923		1924		1925		1926		1927		1928		1929		1930		1931		1932		1933		1934		1935		1936		1937		1938		1939		1940		1941		1942		1943		1944		1945		1946		1947		1948		1949		1950		1951		1952		1953		1954		1955		1956		1957		1958		1959		1960		1961		1962		1963		1964		1965		1966		1967		1968		1969		1970		1971		1972		1973		1974		1975		1976		1977		1978		1979		1980		1981		1982		1983		1984		1985		1986		1987		1988		1989		1990		1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		2035		2036		2037		2038		2039		2040		2041		2042		2043		2044		2045		2046		2047		2048		2049		2050		2051		2052		2053		2054		2055		2056		2057		2058		2059		2060		2061		2062		2063		2064		2065		2066		2067		2068		2069		2070		2071		2072		2073		2074		2075		2076		2077		2078		2079		2080		2081		2082		2083		2084		2085		2086		2087		2088		2089		2090		2091		2092		2093		2094		2095		2096		2097		2098		2099		2100		2101		2102		2103		2104		2105		2106		2107		2108		2109		2110		2111		2112		2113		2114		2115		2116		2117		2118		2119		2120		2121		2122		2123		2124		2125		2126		2127		2128		2129		2130		2131		2132		2133		2134		2135		2136		2137		2138		2139		2140		2141		2142		2143		2144		2145		2146		2147		2148		2149		2150		2151		2152		2153		2154		2155		2156		2157		2158		2159		2160		2161		2162		2163		2164		2165		2166		2167		2168		2169		2170		2171		2172		2173		2174		2175		2176		2177		2178		2179		2180		2181		2182		2183		2184		2185		2186		2187		2188		2189		2190		2191		2192		2193		2194		2195		2196		2197		2198		2199		2200		2201		2202		2203		2204		2205		2206		2207		2208		2209		2210		2211		2212		2213		2214		2215		2216		2217		2218		2219		2220		2221		2222		2223		2224		2225		2226		2227		2228		2229		2230		2231		2232		2233		2234		2235		2236		2237		2238		2239		2240		2241		2242		2243		2244		2245		2246		2247		2248		2249		2250		2251		2252		2253		2254		2255		2256		2257		2258		2259		2260		2261		2262		2263		2264		2265		2266		2267		2268		2269		2270		2271		2272		2273		2274		2275		2276		2277		2278		2279		2280		2281		2282		2283		2284		2285		2286		2287		2288		2289		2290		2291		2292		2293		2294		2295		2296		2297		2298		2299		2300		2301		2302		2303		2304		2305		2306		2307		2308		2309		2310		2311		2312		2313		2314		2315		2316		2317		2318		2319		2320		2321		2322		2323		2324		2325		2326		2327		2328		2329		2330		2331		2332		2333		2334		2335		2336		2337		2338		2339		2340		2341		2342		2343		2344		2345		2346		2347		2348		2349		2350		2351		2352		2353		2354		2355		2356		2357		2358		2359		2360		2361		2362		2363		2364		2365		2366		2367		2368		2369		2370		2371		2372		2373		2374		2375		2376		2377		2378		2379		2380		2381		2382		2383		2384		2385		2386		2387		2388		2389		2390		2391		2392		2393		2394		2395		2396		2397		2398		2399		2400		2401		2402		2403		2404		2405		2406		2407		2408		2409		2410		2411		2412		2413		2414		2415		2416		2417		2418		2419		2420		2421		2422		2423		2424		2425		2426		2427		2428		2429		2430		2431		2432		2433		2434		2435		2436		2437		2438		2439		2440		2441		2442		2443		2444		2445		2446		2447		2448		2449		2450		2451		2452		2453		2454		2455		2456		2457		2458		2459		2460		2461		2462		2463		2464		2465		2466		2467		2468		2469		2470		2471		2472		2473		2474		2475		2476		2477		2478		2479		2480		2481		2482		2483		2484		2485		2486		2487		2488		2489		2490		2491		2492		2493		2494		2495		2496		2497		2498		2499		2500		2501		2502		2503		2504		2505		2506		2507		2508		2509		2510		2511		2512		2513		2514		2515		2516		2517		2518		2519		2520		2521		2522		2523		2524		2525		2526		2527		2528		2529		2530		2531		2532		2533		2534		2535		2536		2537		2538		2539		2540		2541		2542		2543		2544		2545		2546		2547		2548		2549		2550		2551		2552		2553		2554		2555		2556		2557		2558		2559		2560		2561		2562		2563		2564		2565		2566		2567		2568		2569		2570		2571		2572		2573		2574		2575		2576		2577		2578		2579		2580		2581		2582		2583		2584		2585		2586		2587		2588		2589		2590		2591		2592		2593		2594		2595		2596		2597		2598		2599		2600		2601		2602		2603		2604		2605		2606		2607		2608		2609		2610		2611		2612		2613		2614		2615		2616		2617		2618		2619		2620		2621		2622		2623		2624		2625		2626		2627		2628		2629		2630		2631		2632		2633		2634		2635		2636		2637		2638		2639		2640		2641		2642		2643		2644		2645		2646		2647		2648		2649		2650		2651		2652		2653		2654		2655		2656		2657		2658		2659		2660		2661		2662		2663		2664		2665		2666		2667		2668		2669		2670		2671		2672		2673		2674		2675		2676		2677		2678		2679		2680		2681		2682		2683		2684		2685		2686		2687		2688		2689		2690		2691		2692		2693		2694		2695		2696		2697		2698		2699		2700		2701		2702		2703		2704		2705		2706		2707		2708		2709		2710		2711		2712		2713		2714		2715		2716		2717		2718		2719		2720		2721		2722		2723		2724		2725		2726		2727		2728		2729		2730		2731		2732		27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TABLE 5 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.9172	.9220	.9265	.9309	.9351	.9391	.9429
3.0	.9572	.9606	.9639	.9669	.9698	.9724	.9748
4.0	.9771	.9795	.9816	.9836	.9854	.9870	.9885
5.0	.9875	.9891	.9905	.9917	.9928	.9938	.9946
6.0	.9931	.9941	.9950	.9957	.9964	.9970	.9974
7.0	.9961	.9968	.9973	.9978	.9982	.9985	.9988
8.0	.9978	.9982	.9986	.9988	.9991	.9993	.9994
9.0	.9988	.9990	.9992	.9994	.9995	.9996	.9997
10.0	.9993	.9995	.9996	.9997	.9998	.9998	.9999
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 5 (continued)

N	KA= .92	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9465	.9500	.9532	.9563	.9592	.9620	.9646
3.0	.9771	.9792	.9811	.9829	.9845	.9860	.9874
4.0	.9898	.9910	.9921	.9930	.9939	.9946	.9953
5.0	.9954	.9960	.9966	.9971	.9975	.9979	.9982
6.0	.9979	.9982	.9985	.9988	.9990	.9992	.9993
7.0	.9990	.9992	.9993	.9995	.9996	.9997	.9997
8.0	.9995	.9996	.9997	.9998	.9998	.9999	.9999
9.0	.9998	.9998	.9999	.9999	.9999	.9999	1.0000
10.0	.9999	.9999	.9999	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE I							
Summary of the results of the experiments							
Experiment	Material	Temperature	Time	Yield	Conversion	Product	Notes
1	100	100	100	100	100	100	
2	100	100	100	100	100	100	
3	100	100	100	100	100	100	
4	100	100	100	100	100	100	
5	100	100	100	100	100	100	
6	100	100	100	100	100	100	
7	100	100	100	100	100	100	
8	100	100	100	100	100	100	
9	100	100	100	100	100	100	
10	100	100	100	100	100	100	
11	100	100	100	100	100	100	
12	100	100	100	100	100	100	
13	100	100	100	100	100	100	
14	100	100	100	100	100	100	
15	100	100	100	100	100	100	
16	100	100	100	100	100	100	
17	100	100	100	100	100	100	
18	100	100	100	100	100	100	
19	100	100	100	100	100	100	
20	100	100	100	100	100	100	
21	100	100	100	100	100	100	
22	100	100	100	100	100	100	
23	100	100	100	100	100	100	
24	100	100	100	100	100	100	
25	100	100	100	100	100	100	
26	100	100	100	100	100	100	
27	100	100	100	100	100	100	
28	100	100	100	100	100	100	
29	100	100	100	100	100	100	
30	100	100	100	100	100	100	
31	100	100	100	100	100	100	
32	100	100	100	100	100	100	
33	100	100	100	100	100	100	
34	100	100	100	100	100	100	
35	100	100	100	100	100	100	
36	100	100	100	100	100	100	
37	100	100	100	100	100	100	
38	100	100	100	100	100	100	
39	100	100	100	100	100	100	
40	100	100	100	100	100	100	
41	100	100	100	100	100	100	
42	100	100	100	100	100	100	
43	100	100	100	100	100	100	
44	100	100	100	100	100	100	
45	100	100	100	100	100	100	
46	100	100	100	100	100	100	
47	100	100	100	100	100	100	
48	100	100	100	100	100	100	
49	100	100	100	100	100	100	
50	100	100	100	100	100	100	
51	100	100	100	100	100	100	
52	100	100	100	100	100	100	
53	100	100	100	100	100	100	
54	100	100	100	100	100	100	
55	100	100	100	100	100	100	
56	100	100	100	100	100	100	
57	100	100	100	100	100	100	
58	100	100	100	100	100	100	
59	100	100	100	100	100	100	
60	100	100	100	100	100	100	
61	100	100	100	100	100	100	
62	100	100	100	100	100	100	
63	100	100	100	100	100	100	
64	100	100	100	100	100	100	
65	100	100	100	100	100	100	
66	100	100	100	100	100	100	
67	100	100	100	100	100	100	
68	100	100	100	100	100	100	
69	100	100	100	100	100	100	
70	100	100	100	100	100	100	
71	100	100	100	100	100	100	
72	100	100	100	100	100	100	
73	100	100	100	100	100	100	
74	100	100	100	100	100	100	
75	100	100	100	100	100	100	
76	100	100	100	100	100	100	
77	100	100	100	100	100	100	
78	100	100	100	100	100	100	
79	100	100	100	100	100	100	
80	100	100	100	100	100	100	
81	100	100	100	100	100	100	
82	100	100	100	100	100	100	
83	100	100	100	100	100	100	
84	100	100	100	100	100	100	
85	100	100	100	100	100	100	
86	100	100	100	100	100	100	
87	100	100	100	100	100	100	
88	100	100	100	100	100	100	
89	100	100	100	100	100	100	
90	100	100	100	100	100	100	
91	100	100	100	100	100	100	
92	100	100	100	100	100	100	
93	100	100	100	100	100	100	
94	100	100	100	100	100	100	
95	100	100	100	100	100	100	
96	100	100	100	100	100	100	
97	100	100	100	100	100	100	
98	100	100	100	100	100	100	
99	100	100	100	100	100	100	
100	100	100	100	100	100	100	

TABLE 6
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PO= .040

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.5402	.5524	.5647	.5768	.5890	.6011	.6131
3.0	.5556	.5706	.5855	.6003	.6150	.6295	.6439
4.0	.5678	.5850	.6021	.6190	.6357	.6522	.6685
5.0	.5780	.5972	.6162	.6349	.6533	.6714	.6892
6.0	.5871	.6080	.6286	.6489	.6688	.6882	.7072
7.0	.5953	.6177	.6398	.6614	.6826	.7032	.7233
8.0	.6028	.6266	.6500	.6729	.6952	.7168	.7378
9.0	.6097	.6348	.6594	.6834	.7068	.7293	.7509
10.0	.6162	.6425	.6683	.6933	.7175	.7407	.7630
15.0	.6438	.6752	.7054	.7343	.7617	.7876	.8118
20.0	.6663	.7014	.7348	.7663	.7956	.8227	.8474
25.0	.6855	.7236	.7593	.7925	.8229	.8503	.8748
30.0	.7023	.7428	.7804	.8146	.8454	.8726	.8964
35.0	.7174	.7599	.7987	.8335	.8643	.8910	.9137
40.0	.7311	.7751	.8149	.8500	.8804	.9063	.9278
45.0	.7436	.7889	.8293	.8644	.8943	.9191	.9393
50.0	.7551	.8015	.8422	.8771	.9062	.9300	.9488
60.0	.7757	.8236	.8645	.8985	.9258	.9472	.9634
70.0	.7938	.8425	.8830	.9156	.9409	.9598	.9736
75.0	.8020	.8509	.8911	.9229	.9471	.9649	.9775
80.0	.8098	.8588	.8985	.9295	.9526	.9693	.9808
90.0	.8241	.8730	.9117	.9408	.9619	.9764	.9860
100.0	.8369	.8855	.9229	.9502	.9692	.9818	.9897

TABLE 6 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.6250	.6368	.6485	.6601	.6715	.6829	.6940
3.0	.6581	.6722	.6860	.6995	.7129	.7259	.7387
4.0	.6844	.7001	.7154	.7304	.7450	.7592	.7730
5.0	.7066	.7235	.7399	.7559	.7714	.7863	.8007
6.0	.7257	.7436	.7610	.7777	.7937	.8091	.8237
7.0	.7427	.7614	.7793	.7965	.8129	.8285	.8433
8.0	.7579	.7772	.7956	.8132	.8298	.8454	.8601
9.0	.7717	.7915	.8102	.8279	.8446	.8602	.8747
10.0	.7843	.8044	.8234	.8412	.8578	.8733	.8875
15.0	.8342	.8549	.8738	.8910	.9064	.9202	.9324
20.0	.8698	.8899	.9076	.9232	.9367	.9483	.9582
25.0	.8964	.9152	.9313	.9450	.9565	.9660	.9737
30.0	.9168	.9341	.9484	.9602	.9697	.9773	.9832
35.0	.9327	.9484	.9610	.9710	.9788	.9847	.9892
40.0	.9453	.9593	.9703	.9787	.9850	.9897	.9930
45.0	.9554	.9678	.9773	.9843	.9894	.9930	.9954
50.0	.9634	.9745	.9826	.9884	.9924	.9952	.9970
60.0	.9753	.9838	.9896	.9936	.9961	.9977	.9987
70.0	.9831	.9896	.9938	.9964	.9980	.9989	.9994
75.0	.9860	.9916	.9952	.9973	.9986	.9993	.9996
80.0	.9884	.9933	.9962	.9980	.9990	.9995	.9998
90.0	.9920	.9956	.9977	.9989	.9995	.9997	.9999
100.0	.9945	.9972	.9986	.9994	.9997	.9999	1.0000

TABLE 6 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.7050	.7159	.7266	.7371	.7474	.7575	.7674
3.0	.7512	.7635	.7753	.7869	.7981	.8090	.8196
4.0	.7864	.7993	.8117	.8237	.8352	.8463	.8568
5.0	.8145	.8277	.8403	.8524	.8638	.8746	.8849
6.0	.8377	.8510	.8635	.8753	.8864	.8968	.9065
7.0	.8572	.8703	.8826	.8940	.9047	.9145	.9236
8.0	.8739	.8867	.8985	.9095	.9196	.9288	.9372
9.0	.8882	.9006	.9120	.9224	.9319	.9405	.9482
10.0	.9006	.9126	.9235	.9333	.9422	.9501	.9571
15.0	.9432	.9526	.9607	.9676	.9735	.9785	.9827
20.0	.9665	.9734	.9791	.9837	.9875	.9904	.9928
25.0	.9799	.9848	.9887	.9917	.9939	.9956	.9969
30.0	.9878	.9912	.9938	.9957	.9970	.9980	.9987
35.0	.9925	.9949	.9966	.9977	.9985	.9991	.9994
40.0	.9954	.9970	.9981	.9988	.9993	.9996	.9997
45.0	.9971	.9982	.9989	.9994	.9996	.9998	.9999
50.0	.9982	.9989	.9994	.9997	.9998	.9999	.9999
60.0	.9993	.9996	.9998	.9999	1.0000	1.0000	1.0000
70.0	.9997	.9999	.9999	1.0000	1.0000	1.0000	1.0000
75.0	.9998	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000



TABLE 6 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.7771	.7866	.7958	.8048	.8136	.8222	.8305
3.0	.8298	.8396	.8491	.8582	.8669	.8753	.8833
4.0	.8669	.8765	.8856	.8943	.9025	.9102	.9175
5.0	.8945	.9036	.9121	.9200	.9274	.9343	.9407
6.0	.9156	.9239	.9317	.9388	.9454	.9514	.9568
7.0	.9319	.9396	.9465	.9529	.9586	.9637	.9684
8.0	.9448	.9517	.9579	.9635	.9684	.9728	.9767
9.0	.9551	.9613	.9667	.9716	.9758	.9795	.9827
10.0	.9633	.9688	.9736	.9778	.9814	.9845	.9871
15.0	.9862	.9891	.9914	.9933	.9948	.9960	.9969
20.0	.9946	.9960	.9971	.9979	.9985	.9989	.9992
25.0	.9978	.9985	.9990	.9993	.9995	.9997	.9998
30.0	.9991	.9994	.9996	.9998	.9999	.9999	1.0000
35.0	.9996	.9998	.9999	.9999	1.0000	1.0000	1.0000
40.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000



TABLE 6 (continued)

N	KA = .56	.58	.60	.62	.64	.66	.68
2.0	.8386	.8465	.8541	.8614	.8685	.8754	.8821
3.0	.8910	.8983	.9053	.9119	.9182	.9241	.9297
4.0	.9243	.9307	.9367	.9423	.9475	.9523	.9568
5.0	.9465	.9520	.9570	.9615	.9657	.9695	.9730
6.0	.9618	.9663	.9704	.9740	.9773	.9802	.9829
7.0	.9725	.9762	.9795	.9823	.9849	.9871	.9890
8.0	.9801	.9831	.9857	.9879	.9898	.9915	.9929
9.0	.9855	.9879	.9899	.9917	.9931	.9944	.9954
10.0	.9894	.9913	.9929	.9942	.9954	.9963	.9970
15.0	.9977	.9983	.9987	.9990	.9993	.9995	.9996
20.0	.9995	.9996	.9998	.9998	.9999	.9999	1.0000
25.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 6 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.8884	.8946	.9005	.9062	.9116	.9168	.9218
3.0	.9350	.9400	.9447	.9491	.9533	.9571	.9608
4.0	.9609	.9648	.9683	.9715	.9745	.9771	.9796
5.0	.9761	.9789	.9814	.9837	.9858	.9876	.9892
6.0	.9852	.9872	.9890	.9906	.9919	.9931	.9942
7.0	.9907	.9922	.9934	.9945	.9954	.9962	.9968
8.0	.9941	.9952	.9960	.9968	.9974	.9979	.9983
9.0	.9963	.9970	.9976	.9981	.9985	.9988	.9990
10.0	.9976	.9981	.9985	.9989	.9991	.9993	.9995
15.0	.9997	.9998	.9999	.9999	.9999	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Date		Description		Amount	
1900	Jan 1	Balance		100.00	
1900	Jan 15	Received from A. B.		50.00	
1900	Feb 1	Received from C. D.		25.00	
1900	Mar 1	Received from E. F.		75.00	
1900	Apr 1	Received from G. H.		100.00	
1900	May 1	Received from I. J.		150.00	
1900	Jun 1	Received from K. L.		200.00	
1900	Jul 1	Received from M. N.		250.00	
1900	Aug 1	Received from O. P.		300.00	
1900	Sep 1	Received from Q. R.		350.00	
1900	Oct 1	Received from S. T.		400.00	
1900	Nov 1	Received from U. V.		450.00	
1900	Dec 1	Received from W. X.		500.00	
1900	Dec 31	Total		2000.00	

TABLE 6 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.9266	.9311	.9355	.9396	.9435	.9472	.9508
3.0	.9641	.9672	.9702	.9728	.9753	.9776	.9798
4.0	.9818	.9839	.9857	.9873	.9888	.9902	.9914
5.0	.9906	.9919	.9930	.9940	.9948	.9956	.9962
6.0	.9951	.9959	.9965	.9971	.9976	.9980	.9983
7.0	.9974	.9979	.9982	.9986	.9988	.9991	.9992
8.0	.9986	.9989	.9991	.9993	.9994	.9996	.9997
9.0	.9993	.9994	.9995	.9996	.9997	.9998	.9998
10.0	.9996	.9997	.9998	.9998	.9999	.9999	.9999
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 6 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9541	.9573	.9603	.9631	.9658	.9683	.9706
3.0	.9817	.9835	.9851	.9866	.9880	.9892	.9904
4.0	.9924	.9934	.9942	.9950	.9956	.9962	.9967
5.0	.9968	.9973	.9977	.9980	.9984	.9986	.9988
6.0	.9986	.9989	.9991	.9992	.9994	.9995	.9996
7.0	.9994	.9995	.9996	.9997	.9998	.9998	.9998
8.0	.9997	.9998	.9998	.9999	.9999	.9999	.9999
9.0	.9999	.9999	.9999	.9999	1.0000	1.0000	1.0000
10.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 7
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PO= .050

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.5506	.5630	.5754	.5878	.6001	.6123	.6244
3.0	.5693	.5845	.5995	.6145	.6293	.6439	.6584
4.0	.5840	.6014	.6186	.6357	.6525	.6690	.6853
5.0	.5965	.6158	.6348	.6536	.6720	.6901	.7077
6.0	.6074	.6284	.6490	.6693	.6891	.7084	.7272
7.0	.6173	.6397	.6618	.6833	.7043	.7247	.7444
8.0	.6263	.6501	.6734	.6961	.7181	.7393	.7598
9.0	.6346	.6597	.6841	.7078	.7306	.7526	.7737
10.0	.6424	.6686	.6940	.7186	.7422	.7648	.7864
15.0	.6753	.7060	.7354	.7632	.7895	.8140	.8367
20.0	.7018	.7357	.7677	.7974	.8248	.8498	.8723
25.0	.7241	.7604	.7941	.8248	.8525	.8772	.8988
30.0	.7435	.7816	.8162	.8474	.8748	.8987	.9191
35.0	.7606	.8000	.8352	.8663	.8931	.9159	.9349
40.0	.7759	.8162	.8517	.8824	.9084	.9298	.9473
45.0	.7898	.8307	.8661	.8962	.9211	.9412	.9571
50.0	.8024	.8436	.8788	.9081	.9319	.9506	.9650
60.0	.8245	.8659	.9002	.9276	.9489	.9649	.9765
70.0	.8435	.8844	.9172	.9425	.9613	.9748	.9841
75.0	.8519	.8925	.9244	.9487	.9663	.9786	.9869
80.0	.8598	.8999	.9310	.9541	.9706	.9818	.9892
90.0	.8740	.9130	.9423	.9632	.9775	.9868	.9926
100.0	.8865	.9242	.9515	.9704	.9827	.9904	.9949

TABLE 7 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.6365	.6484	.6602	.6719	.6835	.6949	.7061
3.0	.6727	.6868	.7006	.7142	.7275	.7405	.7532
4.0	.7012	.7168	.7320	.7469	.7613	.7753	.7889
5.0	.7249	.7417	.7579	.7736	.7888	.8033	.8173
6.0	.7454	.7630	.7799	.7962	.8118	.8266	.8407
7.0	.7633	.7816	.7990	.8156	.8314	.8463	.8603
8.0	.7793	.7980	.8158	.8325	.8483	.8632	.8770
9.0	.7937	.8127	.8306	.8475	.8632	.8778	.8913
10.0	.8068	.8260	.8440	.8607	.8762	.8905	.9036
15.0	.8575	.8765	.8938	.9092	.9230	.9351	.9457
20.0	.8924	.9102	.9257	.9392	.9506	.9603	.9684
25.0	.9176	.9337	.9472	.9585	.9678	.9753	.9813
30.0	.9363	.9505	.9621	.9714	.9788	.9844	.9888
35.0	.9504	.9628	.9726	.9801	.9859	.9901	.9932
40.0	.9611	.9719	.9800	.9861	.9905	.9937	.9959
45.0	.9694	.9786	.9854	.9902	.9936	.9959	.9975
50.0	.9758	.9837	.9893	.9931	.9957	.9974	.9984
60.0	.9848	.9904	.9941	.9965	.9980	.9989	.9994
70.0	.9903	.9943	.9968	.9982	.9991	.9995	.9998
75.0	.9923	.9956	.9976	.9987	.9994	.9997	.9999
80.0	.9938	.9966	.9982	.9991	.9996	.9998	.9999
90.0	.9960	.9980	.9990	.9995	.9998	.9999	1.0000
100.0	.9974	.9988	.9994	.9998	.9999	1.0000	1.0000

TABLE 7 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.7172	.7281	.7388	.7493	.7596	.7697	.7796
3.0	.7657	.7778	.7895	.8009	.8120	.8227	.8330
4.0	.8020	.8146	.8268	.8384	.8496	.8602	.8704
5.0	.8307	.8435	.8556	.8671	.8780	.8883	.8979
6.0	.8541	.8667	.8786	.8897	.9001	.9098	.9189
7.0	.8735	.8858	.8973	.9079	.9177	.9267	.9350
8.0	.8898	.9017	.9127	.9227	.9318	.9402	.9477
9.0	.9037	.9151	.9254	.9348	.9433	.9509	.9577
10.0	.9156	.9264	.9362	.9449	.9527	.9596	.9657
15.0	.9549	.9629	.9696	.9754	.9802	.9842	.9875
20.0	.9751	.9806	.9850	.9886	.9914	.9936	.9952
25.0	.9860	.9897	.9925	.9946	.9962	.9973	.9982
30.0	.9920	.9944	.9962	.9974	.9983	.9989	.9993
35.0	.9954	.9970	.9980	.9987	.9992	.9995	.9997
40.0	.9973	.9983	.9990	.9994	.9996	.9998	.9999
45.0	.9985	.9991	.9995	.9997	.9998	.9999	1.0000
50.0	.9991	.9995	.9997	.9999	.9999	1.0000	1.0000
60.0	.9997	.9998	.9999	1.0000	1.0000	1.0000	1.0000
70.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 7 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.7892	.7987	.8079	.8168	.8255	.8340	.8422
3.0	.8430	.8525	.8617	.8706	.8790	.8871	.8948
4.0	.8800	.8892	.8979	.9061	.9138	.9210	.9278
5.0	.9070	.9155	.9234	.9307	.9375	.9438	.9496
6.0	.9272	.9349	.9419	.9484	.9542	.9596	.9644
7.0	.9426	.9494	.9556	.9612	.9662	.9707	.9747
8.0	.9544	.9605	.9659	.9707	.9749	.9786	.9819
9.0	.9637	.9690	.9737	.9777	.9813	.9843	.9869
10.0	.9710	.9756	.9796	.9830	.9860	.9885	.9906
15.0	.9901	.9923	.9941	.9955	.9965	.9974	.9981
20.0	.9965	.9975	.9982	.9987	.9991	.9994	.9996
25.0	.9987	.9992	.9994	.9996	.9998	.9999	.9999
30.0	.9995	.9997	.9998	.9999	.9999	1.0000	1.0000
35.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
40.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 7 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.8501	.8578	.8653	.8725	.8794	.8861	.8925
3.0	.9021	.9091	.9157	.9219	.9278	.9334	.9387
4.0	.9342	.9401	.9456	.9507	.9554	.9598	.9638
5.0	.9549	.9598	.9642	.9683	.9720	.9753	.9783
6.0	.9688	.9727	.9762	.9794	.9821	.9846	.9868
7.0	.9782	.9813	.9840	.9864	.9885	.9903	.9919
8.0	.9847	.9871	.9892	.9910	.9926	.9939	.9950
9.0	.9892	.9911	.9927	.9940	.9952	.9961	.9969
10.0	.9923	.9938	.9950	.9960	.9968	.9975	.9980
15.0	.9986	.9989	.9992	.9994	.9996	.9997	.9998
20.0	.9997	.9998	.9999	.9999	.9999	1.0000	1.0000
25.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 7 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.8987	.9047	.9103	.9158	.9210	.9260	.9307
3.0	.9436	.9482	.9525	.9566	.9603	.9639	.9671
4.0	.9675	.9709	.9740	.9768	.9794	.9817	.9838
5.0	.9809	.9833	.9855	.9874	.9891	.9906	.9919
6.0	.9887	.9903	.9918	.9930	.9941	.9951	.9959
7.0	.9932	.9943	.9953	.9961	.9968	.9974	.9979
8.0	.9959	.9967	.9973	.9978	.9982	.9986	.9989
9.0	.9975	.9980	.9984	.9988	.9990	.9992	.9994
10.0	.9985	.9988	.9991	.9993	.9995	.9996	.9997
15.0	.9999	.9999	.9999	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 7 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.9352	.9395	.9436	.9474	.9511	.9545	.9578
3.0	.9701	.9729	.9755	.9779	.9800	.9820	.9839
4.0	.9857	.9874	.9889	.9903	.9915	.9926	.9936
5.0	.9930	.9940	.9949	.9957	.9963	.9969	.9974
6.0	.9965	.9971	.9976	.9980	.9984	.9987	.9989
7.0	.9983	.9986	.9989	.9991	.9993	.9994	.9995
8.0	.9991	.9993	.9995	.9996	.9997	.9997	.9998
9.0	.9996	.9997	.9997	.9998	.9998	.9999	.9999
10.0	.9998	.9998	.9999	.9999	.9999	.9999	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 7 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9609	.9638	.9665	.9691	.9715	.9737	.9758
3.0	.9855	.9870	.9884	.9897	.9908	.9918	.9928
4.0	.9944	.9952	.9958	.9964	.9969	.9974	.9977
5.0	.9978	.9982	.9985	.9987	.9989	.9991	.9993
6.0	.9991	.9993	.9994	.9995	.9996	.9997	.9998
7.0	.9996	.9997	.9998	.9998	.9999	.9999	.9999
8.0	.9998	.9999	.9999	.9999	.9999	1.0000	1.0000
9.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 8
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PC= .060

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.5612	.5738	.5863	.5988	.6112	.6236	.6359
3.0	.5831	.5984	.6136	.6286	.6435	.6583	.6728
4.0	.6003	.6178	.6351	.6522	.6690	.6855	.7017
5.0	.6148	.6342	.6532	.6720	.6903	.7083	.7258
6.0	.6275	.6485	.6691	.6892	.7089	.7280	.7465
7.0	.6390	.6614	.6833	.7046	.7253	.7453	.7646
8.0	.6494	.6731	.6961	.7185	.7401	.7609	.7807
9.0	.6590	.6839	.7079	.7312	.7535	.7749	.7952
10.0	.6680	.6939	.7188	.7429	.7658	.7877	.8084
15.0	.7057	.7355	.7638	.7904	.8152	.8382	.8593
20.0	.7355	.7679	.7981	.8259	.8512	.8739	.8942
25.0	.7603	.7944	.8256	.8537	.8786	.9004	.9193
30.0	.7814	.8167	.8482	.8760	.9001	.9206	.9378
35.0	.7999	.8357	.8672	.8943	.9172	.9363	.9517
40.0	.8162	.8522	.8833	.9095	.9311	.9486	.9623
45.0	.8306	.8667	.8971	.9222	.9424	.9583	.9705
50.0	.8436	.8794	.9090	.9329	.9517	.9661	.9768
60.0	.8660	.9007	.9284	.9498	.9658	.9774	.9855
70.0	.8845	.9177	.9432	.9621	.9756	.9848	.9908
75.0	.8926	.9250	.9494	.9670	.9793	.9875	.9927
80.0	.9000	.9315	.9548	.9713	.9824	.9897	.9942
90.0	.9131	.9427	.9638	.9781	.9873	.9930	.9963
100.0	.9243	.9520	.9709	.9832	.9908	.9952	.9976

TABLE 8 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.6480	.6600	.6720	.6837	.6954	.7068	.7181
3.0	.6871	.7012	.7150	.7286	.7418	.7548	.7674
4.0	.7176	.7331	.7482	.7629	.7771	.7909	.8042
5.0	.7428	.7593	.7753	.7906	.8054	.8196	.8331
6.0	.7643	.7815	.7980	.8138	.8288	.8431	.8566
7.0	.7831	.8008	.8176	.8335	.8486	.8628	.8761
8.0	.7997	.8176	.8346	.8506	.8655	.8795	.8924
9.0	.8145	.8326	.8496	.8655	.8802	.8937	.9062
10.0	.8278	.8460	.8629	.8785	.8929	.9061	.9180
15.0	.8785	.8958	.9113	.9251	.9372	.9477	.9568
20.0	.9121	.9276	.9410	.9524	.9620	.9699	.9765
25.0	.9354	.9489	.9601	.9692	.9766	.9824	.9870
30.0	.9520	.9635	.9727	.9798	.9854	.9896	.9927
35.0	.9641	.9737	.9811	.9867	.9908	.9937	.9958
40.0	.9730	.9810	.9869	.9912	.9942	.9962	.9976
45.0	.9795	.9862	.9908	.9941	.9963	.9977	.9986
50.0	.9845	.9899	.9936	.9960	.9976	.9986	.9992
60.0	.9910	.9945	.9968	.9982	.9990	.9995	.9997
70.0	.9947	.9970	.9984	.9992	.9996	.9998	.9999
75.0	.9959	.9978	.9989	.9994	.9997	.9999	.9999
80.0	.9969	.9984	.9992	.9996	.9998	.9999	1.0000
90.0	.9981	.9991	.9996	.9998	.9999	1.0000	1.0000
100.0	.9989	.9995	.9998	.9999	1.0000	1.0000	1.0000

TABLE 8 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.7292	.7401	.7509	.7614	.7717	.7817	.7915
3.0	.7797	.7917	.8032	.8145	.8253	.8358	.8459
4.0	.8170	.8293	.8411	.8523	.8631	.8734	.8831
5.0	.8460	.8583	.8699	.8809	.8912	.9009	.9100
6.0	.8693	.8813	.8925	.9029	.9127	.9216	.9299
7.0	.8884	.8999	.9106	.9204	.9294	.9376	.9451
8.0	.9043	.9152	.9253	.9344	.9426	.9500	.9567
9.0	.9176	.9279	.9373	.9457	.9532	.9598	.9657
10.0	.9288	.9385	.9472	.9549	.9616	.9676	.9727
15.0	.9646	.9713	.9768	.9815	.9853	.9885	.9910
20.0	.9818	.9861	.9895	.9921	.9942	.9957	.9969
25.0	.9905	.9931	.9951	.9966	.9976	.9984	.9989
30.0	.9949	.9966	.9977	.9985	.9990	.9994	.9996
35.0	.9973	.9983	.9989	.9993	.9996	.9998	.9999
40.0	.9985	.9991	.9995	.9997	.9998	.9999	.9999
45.0	.9992	.9995	.9997	.9999	.9999	1.0000	1.0000
50.0	.9996	.9998	.9999	.9999	1.0000	1.0000	1.0000
60.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 8 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.8011	.8105	.8196	.8284	.8370	.8454	.8534
3.0	.8556	.8649	.8738	.8823	.8904	.8981	.9055
4.0	.8923	.9010	.9092	.9169	.9241	.9309	.9372
5.0	.9184	.9263	.9336	.9403	.9466	.9523	.9575
6.0	.9376	.9445	.9509	.9567	.9619	.9667	.9709
7.0	.9518	.9579	.9634	.9683	.9727	.9765	.9799
8.0	.9626	.9679	.9726	.9767	.9802	.9834	.9860
9.0	.9709	.9754	.9793	.9827	.9856	.9881	.9902
10.0	.9772	.9811	.9844	.9872	.9895	.9915	.9932
15.0	.9931	.9947	.9960	.9970	.9977	.9983	.9988
20.0	.9978	.9984	.9989	.9993	.9995	.9997	.9998
25.0	.9993	.9995	.9997	.9998	.9999	.9999	1.0000
30.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
35.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 8 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.8612	.8688	.8760	.8831	.8898	.8963	.9025
3.0	.9124	.9190	.9253	.9312	.9367	.9419	.9468
4.0	.9430	.9485	.9535	.9581	.9624	.9663	.9699
5.0	.9623	.9666	.9705	.9741	.9773	.9801	.9827
6.0	.9747	.9781	.9811	.9837	.9861	.9881	.9899
7.0	.9829	.9855	.9877	.9897	.9914	.9928	.9940
8.0	.9884	.9903	.9920	.9934	.9946	.9956	.9965
9.0	.9920	.9935	.9948	.9958	.9966	.9973	.9979
10.0	.9945	.9956	.9966	.9973	.9979	.9984	.9987
15.0	.9991	.9994	.9996	.9997	.9998	.9998	.9999
20.0	.9999	.9999	.9999	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 8 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.9084	.9141	.9196	.9248	.9297	.9344	.9389
3.0	.9513	.9556	.9595	.9632	.9666	.9697	.9727
4.0	.9732	.9762	.9789	.9813	.9835	.9855	.9873
5.0	.9850	.9870	.9888	.9903	.9917	.9929	.9940
6.0	.9914	.9928	.9939	.9949	.9958	.9965	.9971
7.0	.9951	.9960	.9967	.9973	.9978	.9982	.9986
8.0	.9972	.9977	.9982	.9986	.9989	.9991	.9993
9.0	.9983	.9987	.9990	.9992	.9994	.9995	.9997
10.0	.9990	.9993	.9994	.9996	.9997	.9998	.9998
15.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 8 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.9431	.9471	.9509	.9545	.9579	.9611	.9641
3.0	.9753	.9778	.9801	.9821	.9840	.9857	.9873
4.0	.9889	.9903	.9916	.9927	.9937	.9946	.9953
5.0	.9949	.9957	.9964	.9969	.9974	.9979	.9982
6.0	.9976	.9980	.9984	.9987	.9989	.9991	.9993
7.0	.9989	.9991	.9993	.9994	.9996	.9997	.9997
8.0	.9995	.9996	.9997	.9998	.9998	.9999	.9999
9.0	.9997	.9998	.9999	.9999	.9999	.9999	1.0000
10.0	.9999	.9999	.9999	.9999	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 8 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9669	.9695	.9720	.9743	.9764	.9784	.9803
3.0	.9887	.9900	.9911	.9922	.9931	.9939	.9947
4.0	.9960	.9966	.9971	.9975	.9979	.9982	.9985
5.0	.9985	.9988	.9990	.9992	.9993	.9994	.9995
6.0	.9994	.9996	.9996	.9997	.9998	.9998	.9999
7.0	.9998	.9998	.9999	.9999	.9999	.9999	1.0000
8.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
9.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 9
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PO= .070

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.5718	.5846	.5973	.6099	.6225	.6349	.6473
3.0	.5968	.6122	.6276	.6427	.6577	.6725	.6870
4.0	.6164	.6340	.6514	.6685	.6853	.7018	.7179
5.0	.6329	.6523	.6713	.6900	.7083	.7261	.7434
6.0	.6474	.6683	.6887	.7087	.7281	.7469	.7651
7.0	.6603	.6825	.7042	.7253	.7456	.7652	.7840
8.0	.6720	.6955	.7182	.7401	.7612	.7814	.8006
9.0	.6829	.7073	.7310	.7537	.7754	.7960	.8155
10.0	.6929	.7183	.7427	.7660	.7882	.8092	.8289
15.0	.7346	.7634	.7904	.8157	.8390	.8603	.8797
20.0	.7671	.7978	.8260	.8517	.8748	.8952	.9133
25.0	.7937	.8254	.8539	.8791	.9012	.9203	.9365
30.0	.8160	.8480	.8763	.9007	.9214	.9387	.9530
35.0	.8350	.8670	.8946	.9178	.9370	.9526	.9649
40.0	.8516	.8832	.9098	.9316	.9492	.9631	.9737
45.0	.8660	.8970	.9225	.9429	.9589	.9711	.9801
50.0	.8788	.9089	.9332	.9522	.9660	.9773	.9850
60.0	.9001	.9283	.9500	.9662	.9778	.9859	.9913
70.0	.9172	.9432	.9624	.9759	.9851	.9911	.9949
75.0	.9245	.9493	.9672	.9796	.9875	.9930	.9961
80.0	.9310	.9548	.9715	.9827	.9900	.9944	.9970
90.0	.9423	.9638	.9783	.9875	.9932	.9964	.9982
100.0	.9516	.9709	.9834	.9910	.9954	.9977	.9990

TABLE 9 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.6596	.6717	.6837	.6955	.7072	.7187	.7300
3.0	.7014	.7154	.7292	.7427	.7559	.7687	.7812
4.0	.7336	.7490	.7639	.7784	.7923	.8058	.8188
5.0	.7601	.7763	.7919	.8069	.8213	.8350	.8480
6.0	.7825	.7993	.8153	.8305	.8449	.8586	.8714
7.0	.8019	.8190	.8351	.8504	.8647	.8781	.8905
8.0	.8189	.8361	.8522	.8673	.8814	.8944	.9064
9.0	.8339	.8511	.8671	.8820	.8956	.9082	.9196
10.0	.8473	.8644	.8802	.8947	.9079	.9199	.9307
15.0	.8972	.9128	.9266	.9387	.9492	.9583	.9660
20.0	.9289	.9423	.9537	.9632	.9711	.9775	.9828
25.0	.9500	.9612	.9702	.9775	.9832	.9877	.9911
30.0	.9645	.9736	.9806	.9861	.9901	.9931	.9953
35.0	.9745	.9818	.9873	.9913	.9941	.9961	.9975
40.0	.9816	.9874	.9916	.9945	.9965	.9978	.9987
45.0	.9867	.9913	.9944	.9965	.9979	.9988	.9993
50.0	.9903	.9939	.9963	.9978	.9987	.9993	.9996
60.0	.9948	.9970	.9983	.9991	.9995	.9998	.9999
70.0	.9972	.9985	.9992	.9996	.9998	.9999	1.0000
75.0	.9979	.9990	.9995	.9998	.9999	1.0000	1.0000
80.0	.9985	.9993	.9997	.9998	.9999	1.0000	1.0000
90.0	.9992	.9996	.9998	.9999	1.0000	1.0000	1.0000
100.0	.9995	.9998	.9999	1.0000	1.0000	1.0000	1.0000

TABLE 9 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.7411	.7521	.7628	.7732	.7835	.7935	.8033
3.0	.7934	.8051	.8165	.8275	.8381	.8483	.8581
4.0	.8313	.8432	.8546	.8655	.8759	.8857	.8949
5.0	.8604	.8722	.8832	.8936	.9034	.9125	.9209
6.0	.8835	.8948	.9053	.9150	.9240	.9323	.9399
7.0	.9021	.9128	.9226	.9316	.9398	.9472	.9539
8.0	.9173	.9274	.9364	.9446	.9520	.9586	.9645
9.0	.9299	.9392	.9476	.9550	.9616	.9674	.9725
10.0	.9404	.9490	.9566	.9633	.9692	.9742	.9786
15.0	.9726	.9780	.9825	.9863	.9893	.9917	.9937
20.0	.9869	.9902	.9927	.9947	.9961	.9972	.9981
25.0	.9936	.9955	.9969	.9979	.9986	.9991	.9994
30.0	.9968	.9979	.9987	.9991	.9995	.9997	.9998
35.0	.9984	.9990	.9994	.9997	.9998	.9999	.9999
40.0	.9992	.9995	.9997	.9999	.9999	1.0000	1.0000
45.0	.9996	.9998	.9999	.9999	1.0000	1.0000	1.0000
50.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
60.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 9 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.8128	.8220	.8310	.8397	.8482	.8564	.8643
3.0	.8675	.8765	.8851	.8933	.9011	.9084	.9154
4.0	.9037	.9119	.9196	.9268	.9336	.9398	.9456
5.0	.9288	.9361	.9428	.9489	.9546	.9597	.9644
6.0	.9468	.9531	.9588	.9640	.9686	.9727	.9764
7.0	.9599	.9653	.9701	.9743	.9781	.9814	.9842
8.0	.9696	.9742	.9782	.9816	.9846	.9872	.9894
9.0	.9769	.9807	.9840	.9868	.9891	.9911	.9928
10.0	.9823	.9855	.9882	.9904	.9923	.9938	.9951
15.0	.9952	.9964	.9973	.9980	.9986	.9990	.9993
20.0	.9986	.9991	.9994	.9996	.9997	.9998	.9999
25.0	.9996	.9998	.9999	.9999	.9999	1.0000	1.0000
30.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 9 (continued)

N	KA=	.56	.58	.60	.62	.64	.66	.68
2.0		.8719	.8792	.8863	.8931	.8996	.9059	.9118
3.0		.9220	.9282	.9341	.9396	.9448	.9496	.9541
4.0		.9510	.9560	.9605	.9647	.9685	.9720	.9752
5.0		.9686	.9725	.9759	.9790	.9817	.9842	.9864
6.0		.9797	.9826	.9851	.9873	.9893	.9909	.9924
7.0		.9867	.9889	.9907	.9923	.9936	.9948	.9957
8.0		.9913	.9928	.9942	.9953	.9962	.9969	.9976
9.0		.9942	.9954	.9963	.9971	.9977	.9982	.9986
10.0		.9962	.9970	.9977	.9982	.9986	.9989	.9992
15.0		.9995	.9996	.9997	.9998	.9999	.9999	.9999
20.0		.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 9 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.9176	.9230	.9282	.9331	.9378	.9422	.9464
3.0	.9582	.9621	.9657	.9690	.9721	.9749	.9775
4.0	.9781	.9807	.9830	.9851	.9870	.9887	.9902
5.0	.9883	.9900	.9914	.9927	.9938	.9948	.9956
6.0	.9936	.9947	.9956	.9964	.9970	.9976	.9980
7.0	.9965	.9972	.9977	.9982	.9985	.9988	.9991
8.0	.9981	.9985	.9988	.9991	.9993	.9994	.9996
9.0	.9989	.9992	.9994	.9995	.9996	.9997	.9998
10.0	.9994	.9996	.9997	.9998	.9998	.9999	.9999
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 9 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.9504	.9541	.9577	.9610	.9641	.9670	.9697
3.0	.9798	.9820	.9840	.9857	.9874	.9888	.9901
4.0	.9915	.9927	.9937	.9946	.9954	.9961	.9967
5.0	.9963	.9969	.9975	.9979	.9983	.9986	.9988
6.0	.9984	.9987	.9990	.9992	.9993	.9995	.9996
7.0	.9993	.9994	.9996	.9997	.9997	.9998	.9998
8.0	.9997	.9998	.9998	.9999	.9999	.9999	.9999
9.0	.9999	.9999	.9999	.9999	1.0000	1.0000	1.0000
10.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 9 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9723	.9746	.9768	.9789	.9808	.9826	.9842
3.0	.9913	.9924	.9933	.9942	.9949	.9956	.9962
4.0	.9972	.9976	.9980	.9983	.9986	.9988	.9990
5.0	.9990	.9992	.9994	.9995	.9996	.9997	.9997
6.0	.9997	.9997	.9998	.9998	.9999	.9999	.9999
7.0	.9999	.9999	.9999	.9999	1.0000	1.0000	1.0000
8.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 10
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PO= .080

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.5826	.5955	.6083	.6211	.6338	.6463	.6588
3.0	.6106	.6261	.6415	.6567	.6718	.6866	.7012
4.0	.6325	.6501	.6675	.6846	.7013	.7177	.7338
5.0	.6509	.6702	.6892	.7078	.7258	.7434	.7604
6.0	.6669	.6877	.7080	.7277	.7468	.7653	.7830
7.0	.6812	.7033	.7246	.7453	.7652	.7843	.8025
8.0	.6942	.7173	.7396	.7610	.7815	.8010	.8195
9.0	.7061	.7301	.7532	.7752	.7962	.8160	.8346
10.0	.7170	.7419	.7656	.7881	.8094	.8294	.8481
15.0	.7622	.7897	.8154	.8390	.8607	.8804	.8980
20.0	.7967	.8254	.8515	.8749	.8957	.9139	.9297
25.0	.8243	.8533	.8790	.9014	.9207	.9371	.9507
30.0	.8470	.8757	.9005	.9216	.9391	.9535	.9651
35.0	.8660	.8941	.9177	.9372	.9529	.9654	.9750
40.0	.8822	.9093	.9316	.9494	.9634	.9741	.9820
45.0	.8961	.9221	.9429	.9591	.9714	.9805	.9870
50.0	.9081	.9328	.9522	.9668	.9776	.9853	.9906
60.0	.9276	.9497	.9662	.9780	.9861	.9915	.9950
70.0	.9425	.9621	.9759	.9852	.9913	.9951	.9973
75.0	.9487	.9670	.9796	.9879	.9931	.9962	.9980
80.0	.9541	.9712	.9827	.9900	.9945	.9971	.9985
90.0	.9633	.9781	.9875	.9932	.9965	.9983	.9992
100.0	.9705	.9832	.9910	.9954	.9978	.9990	.9996

TABLE 10 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.6712	.6834	.6954	.7073	.7190	.7305	.7419
3.0	.7155	.7295	.7432	.7566	.7696	.7823	.7947
4.0	.7494	.7645	.7792	.7934	.8071	.8203	.8329
5.0	.7769	.7927	.8080	.8225	.8364	.8496	.8622
6.0	.8000	.8162	.8317	.8463	.8601	.8731	.8853
7.0	.8198	.8362	.8516	.8661	.8796	.8922	.9039
8.0	.8370	.8533	.8686	.8828	.8959	.9080	.9190
9.0	.8521	.8683	.8833	.8971	.9097	.9212	.9315
10.0	.8654	.8814	.8960	.9093	.9214	.9322	.9419
15.0	.9138	.9277	.9399	.9504	.9594	.9671	.9736
20.0	.9432	.9546	.9641	.9720	.9784	.9835	.9876
25.0	.9619	.9710	.9782	.9839	.9882	.9915	.9940
30.0	.9742	.9812	.9866	.9906	.9935	.9956	.9971
35.0	.9823	.9877	.9917	.9945	.9964	.9977	.9986
40.0	.9878	.9919	.9948	.9967	.9980	.9988	.9993
45.0	.9916	.9947	.9967	.9980	.9989	.9994	.9996
50.0	.9941	.9965	.9979	.9988	.9994	.9997	.9998
60.0	.9971	.9984	.9992	.9996	.9998	.9999	1.0000
70.0	.9986	.9993	.9997	.9998	.9999	1.0000	1.0000
75.0	.9990	.9995	.9998	.9999	1.0000	1.0000	1.0000
80.0	.9993	.9997	.9999	.9999	1.0000	1.0000	1.0000
90.0	.9997	.9999	.9999	1.0000	1.0000	1.0000	1.0000
100.0	.9998	.9999	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 10 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.7530	.7639	.7745	.7850	.7952	.8051	.8148
3.0	.8066	.8182	.8294	.8401	.8505	.8604	.8699
4.0	.8450	.8566	.8675	.8780	.8879	.8972	.9060
5.0	.8740	.8852	.8956	.9054	.9146	.9231	.9310
6.0	.8966	.9072	.9170	.9260	.9343	.9418	.9487
7.0	.9146	.9244	.9334	.9416	.9490	.9557	.9616
8.0	.9291	.9382	.9464	.9537	.9602	.9660	.9711
9.0	.9409	.9492	.9566	.9631	.9688	.9738	.9781
10.0	.9505	.9581	.9647	.9705	.9755	.9797	.9834
15.0	.9790	.9834	.9870	.9900	.9923	.9942	.9956
20.0	.9907	.9932	.9951	.9965	.9975	.9983	.9988
25.0	.9958	.9971	.9981	.9987	.9992	.9995	.9997
30.0	.9981	.9988	.9992	.9995	.9997	.9998	.9999
35.0	.9991	.9995	.9997	.9998	.9999	.9999	1.0000
40.0	.9996	.9998	.9999	.9999	1.0000	1.0000	1.0000
45.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
50.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 10 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.8242	.8333	.8421	.8507	.8590	.8670	.8747
3.0	.8790	.8876	.8958	.9037	.9111	.9181	.9247
4.0	.9142	.9220	.9292	.9359	.9421	.9479	.9533
5.0	.9382	.9449	.9510	.9566	.9617	.9663	.9704
6.0	.9550	.9606	.9657	.9702	.9743	.9779	.9811
7.0	.9669	.9716	.9758	.9794	.9826	.9854	.9878
8.0	.9755	.9794	.9828	.9857	.9882	.9903	.9920
9.0	.9818	.9850	.9877	.9900	.9919	.9935	.9948
10.0	.9865	.9890	.9912	.9930	.9944	.9956	.9966
15.0	.9967	.9976	.9983	.9987	.9991	.9994	.9996
20.0	.9992	.9995	.9996	.9998	.9998	.9999	.9999
25.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
30.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 10 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.8821	.8893	.8961	.9027	.9090	.9150	.9207
3.0	.9309	.9368	.9422	.9473	.9521	.9565	.9606
4.0	.9582	.9626	.9668	.9705	.9739	.9770	.9798
5.0	.9742	.9775	.9805	.9832	.9855	.9876	.9894
6.0	.9838	.9863	.9884	.9903	.9918	.9932	.9944
7.0	.9898	.9916	.9931	.9943	.9954	.9962	.9970
8.0	.9935	.9948	.9958	.9967	.9973	.9979	.9984
9.0	.9959	.9967	.9975	.9980	.9985	.9988	.9991
10.0	.9973	.9980	.9984	.9988	.9991	.9993	.9995
15.0	.9997	.9998	.9999	.9999	.9999	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 10 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.9261	.9313	.9362	.9409	.9453	.9494	.9534
3.0	.9645	.9680	.9712	.9742	.9769	.9794	.9817
4.0	.9823	.9845	.9865	.9883	.9899	.9913	.9925
5.0	.9910	.9924	.9936	.9946	.9955	.9962	.9969
6.0	.9953	.9962	.9969	.9975	.9979	.9984	.9987
7.0	.9976	.9981	.9985	.9988	.9991	.9993	.9994
8.0	.9987	.9990	.9992	.9994	.9996	.9997	.9998
9.0	.9993	.9995	.9996	.9997	.9998	.9998	.9999
10.0	.9996	.9997	.9998	.9999	.9999	.9999	.9999
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 10 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.9570	.9605	.9638	.9668	.9696	.9723	.9748
3.0	.9837	.9856	.9873	.9888	.9902	.9914	.9925
4.0	.9936	.9945	.9954	.9961	.9967	.9972	.9977
5.0	.9974	.9979	.9983	.9986	.9989	.9991	.9993
6.0	.9989	.9992	.9993	.9995	.9996	.9997	.9998
7.0	.9996	.9997	.9997	.9998	.9999	.9999	.9999
8.0	.9998	.9999	.9999	.9999	.9999	1.0000	1.0000
9.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
10.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 10 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9770	.9792	.9811	.9829	.9846	.9861	.9875
3.0	.9935	.9943	.9951	.9958	.9964	.9969	.9973
4.0	.9981	.9984	.9987	.9989	.9991	.9993	.9994
5.0	.9994	.9995	.9996	.9997	.9998	.9998	.9998
6.0	.9998	.9999	.9999	.9999	.9999	.9999	1.0000
7.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
8.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 11
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PO = .090

N	KA = .00	.02	.04	.06	.08	.10	.12
2.0	.5935	.6065	.6195	.6323	.6451	.6578	.6703
3.0	.6244	.6400	.6555	.6707	.6858	.7006	.7151
4.0	.6485	.6661	.6835	.7005	.7172	.7335	.7493
5.0	.6686	.6879	.7068	.7252	.7430	.7603	.7770
6.0	.6862	.7068	.7268	.7463	.7650	.7830	.8003
7.0	.7017	.7235	.7445	.7647	.7841	.8026	.8202
8.0	.7158	.7385	.7603	.7811	.8009	.8197	.8374
9.0	.7286	.7521	.7745	.7958	.8159	.8349	.8525
10.0	.7404	.7645	.7874	.8091	.8294	.8484	.8659
15.0	.7883	.8144	.8385	.8605	.8805	.8984	.9144
20.0	.8240	.8506	.8744	.8956	.9141	.9301	.9437
25.0	.8520	.8782	.9010	.9207	.9372	.9510	.9623
30.0	.8745	.8998	.9213	.9391	.9537	.9653	.9745
35.0	.8929	.9171	.9369	.9529	.9655	.9753	.9826
40.0	.9082	.9310	.9492	.9634	.9742	.9822	.9881
45.0	.9210	.9423	.9589	.9714	.9806	.9872	.9917
50.0	.9319	.9517	.9666	.9776	.9854	.9907	.9943
60.0	.9489	.9658	.9778	.9861	.9916	.9951	.9972
70.0	.9614	.9756	.9851	.9913	.9951	.9974	.9986
75.0	.9664	.9793	.9878	.9931	.9963	.9981	.9990
80.0	.9706	.9825	.9900	.9945	.9971	.9986	.9993
90.0	.9776	.9873	.9932	.9965	.9983	.9992	.9997
100.0	.9828	.9908	.9954	.9978	.9990	.9996	.9998

TABLE 11 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.6828	.6950	.7071	.7190	.7308	.7423	.7536
3.0	.7294	.7433	.7569	.7702	.7831	.7957	.8078
4.0	.7647	.7796	.7941	.8080	.8213	.8341	.8464
5.0	.7931	.8086	.8234	.8374	.8508	.8635	.8755
6.0	.8167	.8324	.8472	.8612	.8744	.8867	.8981
7.0	.8368	.8524	.8671	.8808	.8935	.9053	.9161
8.0	.8540	.8695	.8838	.8971	.9093	.9204	.9305
9.0	.8690	.8842	.8981	.9108	.9224	.9328	.9422
10.0	.8821	.8969	.9104	.9225	.9334	.9431	.9517
15.0	.9284	.9407	.9513	.9603	.9680	.9744	.9797
20.0	.9552	.9648	.9726	.9790	.9841	.9881	.9912
25.0	.9715	.9787	.9843	.9886	.9919	.9943	.9961
30.0	.9816	.9869	.9909	.9938	.9958	.9973	.9982
35.0	.9880	.9919	.9947	.9966	.9978	.9987	.9992
40.0	.9922	.9950	.9969	.9981	.9989	.9993	.9996
45.0	.9948	.9969	.9981	.9989	.9994	.9997	.9998
50.0	.9966	.9980	.9989	.9994	.9997	.9998	.9999
60.0	.9985	.9992	.9996	.9998	.9999	1.0000	1.0000
70.0	.9993	.9997	.9999	.9999	1.0000	1.0000	1.0000
75.0	.9995	.9998	.9999	1.0000	1.0000	1.0000	1.0000
80.0	.9997	.9999	.9999	1.0000	1.0000	1.0000	1.0000
90.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 11 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.7647	.7756	.7862	.7965	.8066	.8165	.8260
3.0	.8195	.8309	.8418	.8522	.8623	.8719	.8811
4.0	.8581	.8692	.8798	.8897	.8992	.9080	.9163
5.0	.8868	.8973	.9072	.9164	.9249	.9328	.9401
6.0	.9088	.9186	.9277	.9359	.9435	.9504	.9566
7.0	.9260	.9350	.9432	.9505	.9572	.9631	.9683
8.0	.9396	.9478	.9551	.9616	.9673	.9723	.9767
9.0	.9505	.9579	.9643	.9700	.9749	.9792	.9828
10.0	.9593	.9659	.9716	.9765	.9807	.9843	.9873
15.0	.9841	.9877	.9905	.9928	.9946	.9960	.9970
20.0	.9936	.9954	.9967	.9977	.9984	.9989	.9993
25.0	.9973	.9982	.9988	.9993	.9995	.9997	.9998
30.0	.9989	.9993	.9996	.9998	.9999	.9999	1.0000
35.0	.9995	.9997	.9998	.9999	1.0000	1.0000	1.0000
40.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
45.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

APPENDIX

TABLE I							
Summary of the results of the experiments							
Experiment	Material	Method	Results	Conclusions	Remarks	References	Notes
1	Aluminum	Electrolytic	100%	Good	None	1	
2	Aluminum	Electrolytic	100%	Good	None	2	
3	Aluminum	Electrolytic	100%	Good	None	3	
4	Aluminum	Electrolytic	100%	Good	None	4	
5	Aluminum	Electrolytic	100%	Good	None	5	
6	Aluminum	Electrolytic	100%	Good	None	6	
7	Aluminum	Electrolytic	100%	Good	None	7	
8	Aluminum	Electrolytic	100%	Good	None	8	
9	Aluminum	Electrolytic	100%	Good	None	9	
10	Aluminum	Electrolytic	100%	Good	None	10	
11	Aluminum	Electrolytic	100%	Good	None	11	
12	Aluminum	Electrolytic	100%	Good	None	12	
13	Aluminum	Electrolytic	100%	Good	None	13	
14	Aluminum	Electrolytic	100%	Good	None	14	
15	Aluminum	Electrolytic	100%	Good	None	15	
16	Aluminum	Electrolytic	100%	Good	None	16	
17	Aluminum	Electrolytic	100%	Good	None	17	
18	Aluminum	Electrolytic	100%	Good	None	18	
19	Aluminum	Electrolytic	100%	Good	None	19	
20	Aluminum	Electrolytic	100%	Good	None	20	
21	Aluminum	Electrolytic	100%	Good	None	21	
22	Aluminum	Electrolytic	100%	Good	None	22	
23	Aluminum	Electrolytic	100%	Good	None	23	
24	Aluminum	Electrolytic	100%	Good	None	24	
25	Aluminum	Electrolytic	100%	Good	None	25	
26	Aluminum	Electrolytic	100%	Good	None	26	
27	Aluminum	Electrolytic	100%	Good	None	27	
28	Aluminum	Electrolytic	100%	Good	None	28	
29	Aluminum	Electrolytic	100%	Good	None	29	
30	Aluminum	Electrolytic	100%	Good	None	30	
31	Aluminum	Electrolytic	100%	Good	None	31	
32	Aluminum	Electrolytic	100%	Good	None	32	
33	Aluminum	Electrolytic	100%	Good	None	33	
34	Aluminum	Electrolytic	100%	Good	None	34	
35	Aluminum	Electrolytic	100%	Good	None	35	
36	Aluminum	Electrolytic	100%	Good	None	36	
37	Aluminum	Electrolytic	100%	Good	None	37	
38	Aluminum	Electrolytic	100%	Good	None	38	
39	Aluminum	Electrolytic	100%	Good	None	39	
40	Aluminum	Electrolytic	100%	Good	None	40	
41	Aluminum	Electrolytic	100%	Good	None	41	
42	Aluminum	Electrolytic	100%	Good	None	42	
43	Aluminum	Electrolytic	100%	Good	None	43	
44	Aluminum	Electrolytic	100%	Good	None	44	
45	Aluminum	Electrolytic	100%	Good	None	45	
46	Aluminum	Electrolytic	100%	Good	None	46	
47	Aluminum	Electrolytic	100%	Good	None	47	
48	Aluminum	Electrolytic	100%	Good	None	48	
49	Aluminum	Electrolytic	100%	Good	None	49	
50	Aluminum	Electrolytic	100%	Good	None	50	
51	Aluminum	Electrolytic	100%	Good	None	51	
52	Aluminum	Electrolytic	100%	Good	None	52	
53	Aluminum	Electrolytic	100%	Good	None	53	
54	Aluminum	Electrolytic	100%	Good	None	54	
55	Aluminum	Electrolytic	100%	Good	None	55	
56	Aluminum	Electrolytic	100%	Good	None	56	
57	Aluminum	Electrolytic	100%	Good	None	57	
58	Aluminum	Electrolytic	100%	Good	None	58	
59	Aluminum	Electrolytic	100%	Good	None	59	
60	Aluminum	Electrolytic	100%	Good	None	60	
61	Aluminum	Electrolytic	100%	Good	None	61	
62	Aluminum	Electrolytic	100%	Good	None	62	
63	Aluminum	Electrolytic	100%	Good	None	63	
64	Aluminum	Electrolytic	100%	Good	None	64	
65	Aluminum	Electrolytic	100%	Good	None	65	
66	Aluminum	Electrolytic	100%	Good	None	66	
67	Aluminum	Electrolytic	100%	Good	None	67	
68	Aluminum	Electrolytic	100%	Good	None	68	
69	Aluminum	Electrolytic	100%	Good	None	69	
70	Aluminum	Electrolytic	100%	Good	None	70	
71	Aluminum	Electrolytic	100%	Good	None	71	
72	Aluminum	Electrolytic	100%	Good	None	72	
73	Aluminum	Electrolytic	100%	Good	None	73	
74	Aluminum	Electrolytic	100%	Good	None	74	
75	Aluminum	Electrolytic	100%	Good	None	75	
76	Aluminum	Electrolytic	100%	Good	None	76	
77	Aluminum	Electrolytic	100%	Good	None	77	
78	Aluminum	Electrolytic	100%	Good	None	78	
79	Aluminum	Electrolytic	100%	Good	None	79	
80	Aluminum	Electrolytic	100%	Good	None	80	
81	Aluminum	Electrolytic	100%	Good	None	81	
82	Aluminum	Electrolytic	100%	Good	None	82	
83	Aluminum	Electrolytic	100%	Good	None	83	
84	Aluminum	Electrolytic	100%	Good	None	84	
85	Aluminum	Electrolytic	100%	Good	None	85	
86	Aluminum	Electrolytic	100%	Good	None	86	
87	Aluminum	Electrolytic	100%	Good	None	87	
88	Aluminum	Electrolytic	100%	Good	None	88	
89	Aluminum	Electrolytic	100%	Good	None	89	
90	Aluminum	Electrolytic	100%	Good	None	90	
91	Aluminum	Electrolytic	100%	Good	None	91	
92	Aluminum	Electrolytic	100%	Good	None	92	
93	Aluminum	Electrolytic	100%	Good	None	93	
94	Aluminum	Electrolytic	100%	Good	None	94	
95	Aluminum	Electrolytic	100%	Good	None	95	
96	Aluminum	Electrolytic	100%	Good	None	96	
97	Aluminum	Electrolytic	100%	Good	None	97	
98	Aluminum	Electrolytic	100%	Good	None	98	
99	Aluminum	Electrolytic	100%	Good	None	99	
100	Aluminum	Electrolytic	100%	Good	None	100	

TABLE 11 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.8353	.8443	.8530	.8614	.8695	.8773	.8848
3.0	.8898	.8981	.9060	.9134	.9205	.9271	.9333
4.0	.9241	.9313	.9380	.9442	.9500	.9553	.9601
5.0	.9467	.9528	.9584	.9634	.9679	.9720	.9757
6.0	.9622	.9672	.9717	.9757	.9792	.9823	.9850
7.0	.9730	.9770	.9806	.9837	.9864	.9887	.9906
8.0	.9805	.9838	.9866	.9890	.9910	.9927	.9941
9.0	.9859	.9885	.9907	.9925	.9941	.9953	.9963
10.0	.9898	.9918	.9935	.9949	.9960	.9969	.9977
15.0	.9978	.9984	.9989	.9992	.9995	.9996	.9997
20.0	.9995	.9997	.9998	.9999	.9999	1.0000	1.0000
25.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 11 (continued)

N	K λ = .56	.58	.60	.62	.64	.66	.68
2.0	.8920	.8969	.9055	.9118	.9178	.9236	.9290
3.0	.9391	.9446	.9497	.9544	.9588	.9628	.9666
4.0	.9645	.9686	.9723	.9756	.9786	.9813	.9837
5.0	.9789	.9818	.9844	.9867	.9886	.9904	.9919
6.0	.9873	.9894	.9911	.9926	.9939	.9950	.9959
7.0	.9923	.9937	.9949	.9959	.9967	.9974	.9979
8.0	.9953	.9963	.9970	.9977	.9982	.9986	.9989
9.0	.9971	.9978	.9983	.9987	.9990	.9993	.9994
10.0	.9982	.9987	.9990	.9993	.9995	.9996	.9997
15.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 11 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.9342	.9391	.9437	.9481	.9522	.9561	.9597
3.0	.9700	.9732	.9761	.9787	.9811	.9833	.9853
4.0	.9858	.9878	.9895	.9910	.9923	.9934	.9944
5.0	.9932	.9943	.9953	.9961	.9968	.9974	.9978
6.0	.9967	.9973	.9978	.9983	.9986	.9989	.9992
7.0	.9984	.9987	.9990	.9992	.9994	.9996	.9997
8.0	.9992	.9994	.9995	.9997	.9997	.9998	.9999
9.0	.9996	.9997	.9998	.9998	.9999	.9999	.9999
10.0	.9998	.9999	.9999	.9999	.9999	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 11 (continued)

N	KA = .84	.86	.88	.90	.92	.94	.96
2.0	.9631	.9663	.9693	.9721	.9746	.9770	.9792
3.0	.9871	.9887	.9901	.9914	.9925	.9935	.9944
4.0	.9953	.9960	.9967	.9972	.9977	.9981	.9985
5.0	.9983	.9986	.9989	.9991	.9993	.9994	.9996
6.0	.9993	.9995	.9996	.9997	.9998	.9998	.9999
7.0	.9997	.9998	.9999	.9999	.9999	.9999	1.0000
8.0	.9999	.9999	.9999	1.0000	1.0000	1.0000	1.0000
9.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 11 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9813	.9831	.9849	.9864	.9879	.9892	.9904
3.0	.9952	.9959	.9965	.9970	.9975	.9979	.9982
4.0	.9987	.9990	.9992	.9993	.9995	.9996	.9997
5.0	.9997	.9997	.9998	.9998	.9999	.9999	.9999
6.0	.9999	.9999	.9999	1.0000	1.0000	1.0000	1.0000
7.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
8.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 12
TABLE OF TRUNCATED NORMAL DISTRIBUTION
PO= .100

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.6045	.6177	.6307	.6437	.6566	.6693	.6820
3.0	.6382	.6539	.6694	.6847	.6998	.7145	.7290
4.0	.6644	.6821	.6994	.7163	.7328	.7490	.7646
5.0	.6863	.7054	.7241	.7423	.7599	.7768	.7932
6.0	.7052	.7256	.7453	.7643	.7826	.8002	.8169
7.0	.7219	.7433	.7638	.7835	.8023	.8202	.8370
8.0	.7369	.7591	.7802	.8004	.8195	.8375	.8543
9.0	.7505	.7733	.7950	.8155	.8347	.8526	.8693
10.0	.7630	.7863	.8083	.8290	.8482	.8661	.8825
15.0	.8129	.8374	.8599	.8802	.8984	.9146	.9288
20.0	.8492	.8735	.8950	.9139	.9301	.9439	.9556
25.0	.8769	.9002	.9202	.9371	.9511	.9625	.9717
30.0	.8986	.9205	.9387	.9536	.9654	.9747	.9818
35.0	.9159	.9362	.9526	.9654	.9753	.9827	.9882
40.0	.9299	.9486	.9631	.9741	.9823	.9882	.9923
45.0	.9414	.9584	.9712	.9805	.9872	.9918	.9949
50.0	.9508	.9662	.9774	.9853	.9907	.9943	.9967
60.0	.9651	.9775	.9860	.9916	.9951	.9973	.9985
70.0	.9750	.9849	.9912	.9951	.9974	.9987	.9993
75.0	.9788	.9876	.9930	.9963	.9981	.9991	.9996
80.0	.9820	.9898	.9944	.9971	.9986	.9993	.9997
90.0	.9870	.9930	.9965	.9983	.9992	.9997	.9999
100.0	.9905	.9952	.9978	.9990	.9996	.9998	.9999

TABLE 12 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.6944	.7067	.7189	.7308	.7425	.7540	.7653
3.0	.7432	.7570	.7705	.7836	.7964	.8087	.8206
4.0	.7798	.7944	.8085	.8221	.8351	.8475	.8594
5.0	.8089	.8239	.8382	.8517	.8646	.8767	.8881
6.0	.8328	.8479	.8620	.8753	.8878	.8994	.9101
7.0	.8529	.8678	.8816	.8945	.9064	.9173	.9272
8.0	.8700	.8845	.8980	.9103	.9215	.9316	.9408
9.0	.8847	.8988	.9117	.9234	.9339	.9432	.9516
10.0	.8975	.9111	.9233	.9343	.9441	.9527	.9603
15.0	.9412	.9519	.9610	.9687	.9751	.9804	.9847
20.0	.9652	.9731	.9794	.9845	.9885	.9915	.9939
25.0	.9790	.9847	.9890	.9922	.9946	.9963	.9975
30.0	.9872	.9911	.9940	.9960	.9974	.9983	.9990
35.0	.9921	.9948	.9967	.9979	.9987	.9993	.9996
40.0	.9951	.9970	.9982	.9989	.9994	.9997	.9998
45.0	.9969	.9982	.9990	.9994	.9997	.9998	.9999
50.0	.9981	.9989	.9994	.9997	.9999	.9999	1.0000
60.0	.9992	.9996	.9998	.9999	1.0000	1.0000	1.0000
70.0	.9997	.9999	.9999	1.0000	1.0000	1.0000	1.0000
75.0	.9998	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 12 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.7764	.7872	.7977	.8080	.8179	.8276	.8371
3.0	.8321	.8432	.8538	.8640	.8737	.8830	.8918
4.0	.8706	.8813	.8914	.9009	.9098	.9181	.9259
5.0	.8988	.9087	.9180	.9266	.9345	.9417	.9484
6.0	.9200	.9291	.9374	.9450	.9519	.9580	.9636
7.0	.9363	.9445	.9519	.9585	.9643	.9695	.9741
8.0	.9490	.9563	.9628	.9684	.9734	.9778	.9815
9.0	.9590	.9654	.9710	.9759	.9801	.9837	.9867
10.0	.9669	.9725	.9774	.9815	.9850	.9880	.9904
15.0	.9882	.9910	.9932	.9949	.9963	.9973	.9980
20.0	.9956	.9969	.9979	.9986	.9990	.9994	.9996
25.0	.9984	.9989	.9993	.9996	.9997	.9998	.9999
30.0	.9994	.9996	.9998	.9999	.9999	1.0000	1.0000
35.0	.9998	.9999	.9999	1.0000	1.0000	1.0000	1.0000
40.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 12 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.8462	.8550	.8635	.8717	.8796	.8872	.8945
3.0	.9002	.9081	.9156	.9226	.9293	.9355	.9413
4.0	.9332	.9399	.9461	.9518	.9571	.9619	.9663
5.0	.9544	.9599	.9649	.9694	.9734	.9770	.9802
6.0	.9686	.9730	.9769	.9803	.9834	.9860	.9883
7.0	.9781	.9816	.9847	.9873	.9895	.9914	.9930
8.0	.9847	.9874	.9897	.9917	.9933	.9947	.9958
9.0	.9892	.9914	.9931	.9945	.9957	.9967	.9974
10.0	.9924	.9940	.9953	.9964	.9973	.9979	.9984
15.0	.9986	.9990	.9993	.9995	.9997	.9998	.9999
20.0	.9997	.9998	.9999	.9999	1.0000	1.0000	1.0000
25.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 12 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.9014	.9081	.9144	.9205	.9263	.9317	.9369
3.0	.9468	.9518	.9565	.9608	.9648	.9685	.9719
4.0	.9702	.9738	.9771	.9800	.9826	.9850	.9870
5.0	.9830	.9855	.9877	.9896	.9913	.9927	.9939
6.0	.9902	.9919	.9933	.9945	.9955	.9964	.9971
7.0	.9943	.9954	.9963	.9971	.9977	.9982	.9986
8.0	.9967	.9974	.9980	.9984	.9988	.9991	.9993
9.0	.9980	.9985	.9989	.9992	.9994	.9995	.9997
10.0	.9988	.9991	.9994	.9995	.9997	.9998	.9998
15.0	.9999	.9999	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 12 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.9418	.9464	.9507	.9548	.9586	.9622	.9656
3.0	.9750	.9778	.9804	.9827	.9848	.9867	.9884
4.0	.9889	.9905	.9919	.9931	.9942	.9952	.9960
5.0	.9950	.9959	.9966	.9972	.9978	.9982	.9986
6.0	.9977	.9982	.9986	.9989	.9991	.9993	.9995
7.0	.9989	.9992	.9994	.9995	.9997	.9997	.9998
8.0	.9995	.9996	.9997	.9998	.9999	.9999	.9999
9.0	.9998	.9998	.9999	.9999	.9999	1.0000	1.0000
10.0	.9999	.9999	.9999	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 12 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.9687	.9716	.9743	.9768	.9791	.9813	.9832
3.0	.9899	.9913	.9925	.9935	.9945	.9953	.9960
4.0	.9966	.9972	.9977	.9981	.9985	.9988	.9990
5.0	.9989	.9991	.9993	.9995	.9996	.9997	.9998
6.0	.9996	.9997	.9998	.9998	.9999	.9999	.9999
7.0	.9999	.9999	.9999	.9999	1.0000	1.0000	1.0000
8.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 12 (continued)

N	KA= .92	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.9850	.9866	.9881	.9895	.9907	.9919	.9929
3.0	.9966	.9972	.9976	.9980	.9984	.9987	.9989
4.0	.9992	.9994	.9995	.9996	.9997	.9998	.9998
5.0	.9998	.9999	.9999	.9999	.9999	.9999	1.0000
6.0	.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
7.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
8.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
30.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
40.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
45.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
50.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
60.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
70.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
75.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
80.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
90.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100.0	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

TABLE 13
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$

PO= .001

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.0020	.0020	.0021	.0021	.0021	.0021	.0021
3.0	.0030	.0030	.0030	.0030	.0031	.0031	.0031
4.0	.0039	.0039	.0039	.0039	.0039	.0039	.0039
5.0	.0048	.0048	.0047	.0047	.0047	.0047	.0047
6.0	.0056	.0056	.0055	.0055	.0055	.0054	.0054
7.0	.0064	.0063	.0063	.0062	.0062	.0061	.0060
8.0	.0072	.0071	.0070	.0069	.0068	.0067	.0066
9.0	.0079	.0078	.0077	.0076	.0074	.0073	.0071
10.0	.0086	.0085	.0084	.0082	.0080	.0079	.0077
15.0	.0121	.0118	.0115	.0111	.0107	.0103	.0099
20.0	.0154	.0149	.0143	.0137	.0130	.0123	.0116
25.0	.0186	.0178	.0169	.0160	.0150	.0140	.0130
30.0	.0216	.0205	.0193	.0181	.0168	.0155	.0142
35.0	.0246	.0232	.0217	.0201	.0184	.0168	.0151
40.0	.0275	.0257	.0239	.0219	.0199	.0179	.0159
45.0	.0304	.0282	.0260	.0236	.0212	.0188	.0165
50.0	.0332	.0307	.0280	.0252	.0224	.0197	.0170
60.0	.0388	.0353	.0318	.0281	.0245	.0210	.0177
70.0	.0441	.0398	.0353	.0308	.0263	.0220	.0181
75.0	.0468	.0420	.0370	.0320	.0271	.0224	.0182
80.0	.0494	.0441	.0386	.0331	.0277	.0227	.0182
90.0	.0546	.0482	.0417	.0352	.0290	.0232	.0181
100.0	.0597	.0522	.0446	.0371	.0299	.0235	.0179

TABLE 13 (continued)

N	KA = .14	.16	.18	.20	.22	.24	.26
2.0	.0022	.0022	.0022	.0022	.0022	.0022	.0022
3.0	.0031	.0031	.0031	.0031	.0031	.0031	.0030
4.0	.0039	.0039	.0039	.0038	.0038	.0038	.0037
5.0	.0046	.0046	.0046	.0045	.0044	.0044	.0043
6.0	.0053	.0052	.0052	.0051	.0050	.0049	.0048
7.0	.0059	.0058	.0057	.0056	.0054	.0053	.0051
8.0	.0065	.0063	.0062	.0060	.0058	.0057	.0055
9.0	.0070	.0068	.0066	.0064	.0062	.0060	.0057
10.0	.0074	.0072	.0070	.0067	.0065	.0062	.0059
15.0	.0094	.0090	.0085	.0080	.0075	.0070	.0065
20.0	.0109	.0102	.0094	.0087	.0080	.0072	.0066
25.0	.0120	.0110	.0100	.0090	.0081	.0072	.0063
30.0	.0129	.0116	.0103	.0091	.0080	.0069	.0059
35.0	.0135	.0119	.0104	.0090	.0077	.0065	.0054
40.0	.0140	.0121	.0104	.0088	.0074	.0061	.0049
45.0	.0143	.0122	.0103	.0085	.0070	.0056	.0044
50.0	.0145	.0122	.0101	.0082	.0065	.0051	.0040
60.0	.0146	.0119	.0095	.0074	.0056	.0042	.0031
70.0	.0145	.0114	.0087	.0066	.0048	.0034	.0024
75.0	.0144	.0111	.0084	.0061	.0044	.0031	.0021
80.0	.0142	.0108	.0080	.0057	.0040	.0027	.0018
90.0	.0137	.0101	.0072	.0050	.0033	.0022	.0014
100.0	.0132	.0094	.0065	.0043	.0028	.0017	.0010

TABLE 13 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.0022	.0022	.0021	.0021	.0021	.0021	.0021
3.0	.0030	.0030	.0030	.0029	.0029	.0029	.0028
4.0	.0037	.0036	.0036	.0035	.0035	.0034	.0033
5.0	.0042	.0041	.0041	.0040	.0039	.0038	.0037
6.0	.0047	.0045	.0044	.0043	.0041	.0040	.0039
7.0	.0050	.0048	.0047	.0045	.0043	.0042	.0040
8.0	.0053	.0051	.0049	.0047	.0044	.0042	.0040
9.0	.0055	.0053	.0050	.0048	.0045	.0043	.0040
10.0	.0057	.0054	.0051	.0048	.0045	.0042	.0040
15.0	.0060	.0056	.0051	.0046	.0042	.0038	.0034
20.0	.0059	.0053	.0047	.0041	.0036	.0031	.0027
25.0	.0055	.0048	.0041	.0035	.0030	.0025	.0020
30.0	.0050	.0042	.0035	.0029	.0024	.0019	.0015
35.0	.0045	.0037	.0030	.0023	.0018	.0014	.0011
40.0	.0040	.0031	.0024	.0019	.0014	.0011	.0008
45.0	.0035	.0027	.0020	.0015	.0011	.0008	.0006
50.0	.0030	.0022	.0016	.0012	.0008	.0006	.0004
60.0	.0022	.0016	.0011	.0007	.0005	.0003	.0002
70.0	.0016	.0011	.0007	.0004	.0003	.0002	.0001
75.0	.0014	.0009	.0006	.0003	.0002	.0001	.0001
80.0	.0012	.0007	.0004	.0003	.0001	.0001	.0000
90.0	.0008	.0005	.0003	.0002	.0001	.0000	.0000
100.0	.0006	.0003	.0002	.0001	.0000	.0000	.0000

TABLE 13 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.0020	.0020	.0020	.0019	.0019	.0019	.0018
3.0	.0028	.0027	.0027	.0026	.0026	.0025	.0024
4.0	.0032	.0032	.0031	.0030	.0029	.0028	.0027
5.0	.0035	.0034	.0033	.0032	.0031	.0030	.0028
6.0	.0037	.0036	.0034	.0033	.0031	.0030	.0028
7.0	.0038	.0036	.0034	.0033	.0031	.0029	.0027
8.0	.0038	.0036	.0034	.0032	.0030	.0028	.0026
9.0	.0038	.0035	.0033	.0031	.0028	.0026	.0024
10.0	.0037	.0034	.0032	.0029	.0027	.0025	.0022
15.0	.0030	.0027	.0024	.0021	.0018	.0016	.0014
20.0	.0023	.0020	.0017	.0014	.0012	.0010	.0008
25.0	.0017	.0014	.0011	.0009	.0007	.0005	.0004
30.0	.0012	.0009	.0007	.0005	.0004	.0003	.0002
35.0	.0008	.0006	.0005	.0003	.0002	.0002	.0001
40.0	.0006	.0004	.0003	.0002	.0001	.0001	.0001
45.0	.0004	.0003	.0002	.0001	.0001	.0000	.0000
50.0	.0003	.0002	.0001	.0001	.0000	.0000	.0000
60.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
70.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 13 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.0018	.0017	.0017	.0017	.0016	.0016	.0015
3.0	.0024	.0023	.0023	.0022	.0021	.0021	.0020
4.0	.0027	.0026	.0025	.0024	.0023	.0022	.0021
5.0	.0027	.0026	.0025	.0024	.0023	.0021	.0020
6.0	.0027	.0025	.0024	.0023	.0021	.0020	.0019
7.0	.0026	.0024	.0022	.0021	.0019	.0018	.0017
8.0	.0024	.0022	.0021	.0019	.0017	.0016	.0014
9.0	.0022	.0020	.0019	.0017	.0015	.0014	.0012
10.0	.0020	.0018	.0017	.0015	.0013	.0012	.0011
15.0	.0012	.0010	.0009	.0007	.0006	.0005	.0004
20.0	.0006	.0005	.0004	.0003	.0003	.0002	.0002
25.0	.0003	.0002	.0002	.0001	.0001	.0001	.0001
30.0	.0002	.0001	.0001	.0001	.0000	.0000	.0000
35.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 13 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.0015	.0014	.0014	.0014	.0013	.0013	.0012
3.0	.0019	.0019	.0018	.0018	.0017	.0016	.0016
4.0	.0020	.0019	.0018	.0018	.0017	.0016	.0015
5.0	.0019	.0018	.0017	.0016	.0015	.0014	.0013
6.0	.0017	.0016	.0015	.0014	.0013	.0012	.0011
7.0	.0015	.0014	.0013	.0012	.0011	.0010	.0009
8.0	.0013	.0012	.0011	.0010	.0009	.0008	.0007
9.0	.0011	.0010	.0009	.0008	.0007	.0006	.0005
10.0	.0009	.0008	.0007	.0006	.0006	.0005	.0004
15.0	.0004	.0003	.0002	.0002	.0002	.0001	.0001
20.0	.0001	.0001	.0001	.0001	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 13 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.0012	.0011	.0011	.0011	.0010	.0010	.0009
3.0	.0015	.0014	.0014	.0013	.0013	.0012	.0012
4.0	.0014	.0014	.0013	.0012	.0011	.0011	.0010
5.0	.0012	.0012	.0011	.0010	.0009	.0009	.0008
6.0	.0010	.0009	.0009	.0008	.0007	.0006	.0006
7.0	.0008	.0007	.0007	.0006	.0005	.0005	.0004
8.0	.0006	.0006	.0005	.0004	.0004	.0003	.0003
9.0	.0005	.0004	.0004	.0003	.0003	.0002	.0002
10.0	.0004	.0003	.0003	.0002	.0002	.0002	.0001
15.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 13 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0009	.0009	.0008	.0008	.0008	.0007	.0007
3.0	.0011	.0011	.0010	.0010	.0009	.0009	.0008
4.0	.0010	.0009	.0008	.0008	.0007	.0007	.0006
5.0	.0007	.0007	.0006	.0006	.0005	.0005	.0004
6.0	.0005	.0005	.0004	.0004	.0003	.0003	.0003
7.0	.0004	.0003	.0003	.0003	.0002	.0002	.0002
8.0	.0003	.0002	.0002	.0002	.0001	.0001	.0001
9.0	.0002	.0001	.0001	.0001	.0001	.0001	.0001
10.0	.0001	.0001	.0001	.0001	.0001	.0000	.0000
15.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 14
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$

PG = .005

N	KA = .00	.02	.04	.06	.08	.10	.12
2.0	.0097	.0098	.0099	.0100	.0100	.0101	.0102
3.0	.0145	.0146	.0146	.0146	.0147	.0147	.0147
4.0	.0189	.0188	.0188	.0187	.0187	.0186	.0185
5.0	.0229	.0228	.0226	.0225	.0223	.0221	.0218
6.0	.0267	.0265	.0262	.0259	.0256	.0252	.0249
7.0	.0303	.0300	.0296	.0291	.0287	.0282	.0276
8.0	.0339	.0334	.0328	.0322	.0316	.0309	.0302
9.0	.0373	.0366	.0359	.0351	.0343	.0335	.0326
10.0	.0406	.0398	.0389	.0379	.0370	.0359	.0348
15.0	.0562	.0544	.0525	.0505	.0484	.0463	.0440
20.0	.0706	.0676	.0646	.0613	.0580	.0545	.0510
25.0	.0841	.0799	.0754	.0708	.0661	.0613	.0564
30.0	.0969	.0913	.0854	.0793	.0730	.0668	.0605
35.0	.1092	.1020	.0945	.0868	.0791	.0713	.0637
40.0	.1209	.1121	.1030	.0937	.0843	.0750	.0660
45.0	.1321	.1217	.1109	.0998	.0888	.0781	.0677
50.0	.1430	.1308	.1182	.1054	.0928	.0805	.0688
60.0	.1634	.1476	.1314	.1151	.0991	.0839	.0698
70.0	.1825	.1629	.1429	.1230	.1038	.0858	.0694
75.0	.1916	.1701	.1481	.1264	.1056	.0862	.0688
80.0	.2004	.1769	.1529	.1294	.1070	.0864	.0681
90.0	.2171	.1896	.1618	.1347	.1092	.0862	.0661
100.0	.2328	.2012	.1695	.1388	.1105	.0852	.0637

TABLE 14 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.0102	.0103	.0103	.0103	.0104	.0104	.0104
3.0	.0146	.0146	.0146	.0145	.0144	.0144	.0143
4.0	.0183	.0182	.0180	.0179	.0177	.0175	.0172
5.0	.0216	.0213	.0210	.0207	.0203	.0200	.0196
6.0	.0245	.0240	.0236	.0231	.0226	.0220	.0215
7.0	.0271	.0265	.0258	.0252	.0245	.0237	.0230
8.0	.0294	.0287	.0278	.0270	.0261	.0251	.0242
9.0	.0316	.0306	.0296	.0285	.0274	.0263	.0252
10.0	.0336	.0324	.0312	.0299	.0286	.0273	.0260
15.0	.0418	.0394	.0371	.0347	.0323	.0300	.0277
20.0	.0475	.0439	.0404	.0370	.0336	.0304	.0272
25.0	.0516	.0468	.0422	.0377	.0334	.0294	.0257
30.0	.0544	.0485	.0428	.0374	.0324	.0278	.0236
35.0	.0563	.0492	.0426	.0364	.0308	.0257	.0212
40.0	.0574	.0493	.0418	.0350	.0289	.0235	.0189
45.0	.0579	.0489	.0406	.0333	.0268	.0213	.0167
50.0	.0579	.0480	.0392	.0314	.0248	.0192	.0146
60.0	.0569	.0456	.0358	.0275	.0207	.0153	.0110
70.0	.0549	.0425	.0321	.0236	.0170	.0119	.0082
75.0	.0536	.0408	.0302	.0218	.0154	.0105	.0070
80.0	.0523	.0391	.0284	.0201	.0138	.0092	.0060
90.0	.0492	.0356	.0249	.0169	.0111	.0071	.0044
100.0	.0461	.0322	.0217	.0142	.0089	.0054	.0032

TABLE 14 (continued)

N	K _A = .28	.30	.32	.34	.36	.38	.40
2.0	.0104	.0104	.0103	.0103	.0103	.0102	.0102
3.0	.0142	.0141	.0139	.0138	.0136	.0135	.0133
4.0	.0170	.0167	.0165	.0162	.0159	.0155	.0152
5.0	.0192	.0188	.0183	.0178	.0174	.0169	.0164
6.0	.0209	.0203	.0196	.0190	.0183	.0177	.0170
7.0	.0222	.0214	.0206	.0198	.0189	.0181	.0173
8.0	.0232	.0223	.0213	.0203	.0193	.0183	.0173
9.0	.0240	.0229	.0217	.0205	.0193	.0182	.0170
10.0	.0246	.0233	.0219	.0206	.0192	.0180	.0167
15.0	.0255	.0233	.0212	.0192	.0173	.0155	.0138
20.0	.0243	.0215	.0189	.0165	.0143	.0123	.0105
25.0	.0222	.0191	.0162	.0137	.0114	.0094	.0077
30.0	.0198	.0165	.0135	.0110	.0089	.0071	.0056
35.0	.0173	.0140	.0111	.0087	.0068	.0052	.0039
40.0	.0150	.0117	.0090	.0068	.0051	.0038	.0027
45.0	.0128	.0097	.0072	.0053	.0038	.0027	.0019
50.0	.0109	.0080	.0058	.0041	.0028	.0019	.0013
60.0	.0078	.0054	.0036	.0024	.0015	.0010	.0006
70.0	.0054	.0035	.0022	.0014	.0008	.0005	.0003
75.0	.0045	.0029	.0018	.0010	.0006	.0003	.0002
80.0	.0038	.0023	.0014	.0008	.0004	.0002	.0001
90.0	.0026	.0015	.0008	.0004	.0002	.0001	.0001
100.0	.0018	.0010	.0005	.0003	.0001	.0001	.0000

TABLE 14 (continued)

N	KA = .42	.44	.46	.48	.50	.52	.54
2.0	.0101	.0100	.0100	.0099	.0098	.0097	.0096
3.0	.0131	.0129	.0127	.0125	.0122	.0120	.0117
4.0	.0148	.0145	.0141	.0137	.0133	.0129	.0125
5.0	.0158	.0153	.0148	.0142	.0137	.0131	.0126
6.0	.0163	.0156	.0149	.0142	.0136	.0129	.0122
7.0	.0164	.0156	.0147	.0139	.0131	.0123	.0115
8.0	.0163	.0153	.0143	.0134	.0125	.0116	.0108
9.0	.0159	.0148	.0138	.0127	.0118	.0108	.0099
10.0	.0155	.0143	.0131	.0120	.0110	.0100	.0090
15.0	.0122	.0108	.0095	.0082	.0071	.0062	.0053
20.0	.0090	.0075	.0063	.0052	.0043	.0035	.0029
25.0	.0063	.0051	.0040	.0032	.0025	.0019	.0015
30.0	.0043	.0033	.0025	.0019	.0014	.0010	.0008
35.0	.0029	.0021	.0016	.0011	.0008	.0006	.0004
40.0	.0020	.0014	.0010	.0006	.0004	.0003	.0002
45.0	.0013	.0009	.0006	.0004	.0002	.0001	.0001
50.0	.0008	.0005	.0003	.0002	.0001	.0001	.0000
60.0	.0004	.0002	.0001	.0001	.0000	.0000	.0000
70.0	.0002	.0001	.0000	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 14 (continued)

N	KA=	.56	.58	.60	.62	.64	.66	.68
2.0		.0095	.0094	.0092	.0091	.0090	.0088	.0087
3.0		.0115	.0112	.0110	.0107	.0104	.0101	.0098
4.0		.0121	.0117	.0113	.0109	.0105	.0101	.0096
5.0		.0120	.0115	.0110	.0104	.0099	.0094	.0089
6.0		.0115	.0109	.0102	.0096	.0090	.0084	.0079
7.0		.0108	.0101	.0094	.0087	.0080	.0074	.0068
8.0		.0099	.0092	.0084	.0077	.0070	.0064	.0058
9.0		.0091	.0082	.0075	.0068	.0061	.0055	.0049
10.0		.0082	.0073	.0066	.0059	.0052	.0046	.0041
15.0		.0045	.0038	.0032	.0027	.0022	.0019	.0015
20.0		.0023	.0018	.0015	.0011	.0009	.0007	.0005
25.0		.0011	.0009	.0006	.0005	.0003	.0002	.0002
30.0		.0005	.0004	.0003	.0002	.0001	.0001	.0001
35.0		.0003	.0002	.0001	.0001	.0000	.0000	.0000
40.0		.0001	.0001	.0000	.0000	.0000	.0000	.0000
45.0		.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 14 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.0086	.0084	.0083	.0081	.0079	.0078	.0076
3.0	.0095	.0093	.0090	.0087	.0084	.0081	.0078
4.0	.0092	.0088	.0084	.0080	.0076	.0073	.0069
5.0	.0084	.0079	.0074	.0070	.0065	.0061	.0057
6.0	.0073	.0068	.0063	.0058	.0054	.0049	.0045
7.0	.0062	.0057	.0052	.0047	.0043	.0039	.0035
8.0	.0052	.0047	.0043	.0038	.0034	.0030	.0027
9.0	.0044	.0039	.0034	.0030	.0027	.0023	.0020
10.0	.0036	.0031	.0027	.0024	.0021	.0018	.0015
15.0	.0012	.0010	.0008	.0007	.0005	.0004	.0003
20.0	.0004	.0003	.0002	.0002	.0001	.0001	.0001
25.0	.0001	.0001	.0001	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 14 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.0074	.0073	.0071	.0069	.0067	.0066	.0064
3.0	.0075	.0072	.0069	.0066	.0064	.0061	.0058
4.0	.0065	.0062	.0058	.0055	.0052	.0048	.0045
5.0	.0053	.0049	.0046	.0042	.0039	.0036	.0033
6.0	.0041	.0038	.0034	.0031	.0028	.0026	.0023
7.0	.0032	.0028	.0025	.0023	.0020	.0018	.0016
8.0	.0024	.0021	.0018	.0016	.0014	.0012	.0011
9.0	.0018	.0015	.0013	.0011	.0010	.0008	.0007
10.0	.0013	.0011	.0009	.0008	.0007	.0006	.0005
15.0	.0003	.0002	.0002	.0001	.0001	.0001	.0001
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 14 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0062	.0060	.0059	.0057	.0055	.0053	.0052
3.0	.0056	.0053	.0051	.0048	.0046	.0043	.0041
4.0	.0043	.0040	.0037	.0035	.0032	.0030	.0028
5.0	.0030	.0028	.0025	.0023	.0021	.0019	.0017
6.0	.0021	.0019	.0017	.0015	.0013	.0012	.0010
7.0	.0014	.0012	.0011	.0009	.0008	.0007	.0006
8.0	.0009	.0008	.0007	.0006	.0005	.0004	.0004
9.0	.0006	.0005	.0004	.0004	.0003	.0002	.0002
10.0	.0004	.0003	.0003	.0002	.0002	.0001	.0001
15.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 15
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$

PO = .010							
N	KA = .00	.02	.04	.06	.08	.10	.12
2.0	.0194	.0195	.0196	.0197	.0198	.0199	.0200
3.0	.0286	.0286	.0286	.0286	.0285	.0285	.0284
4.0	.0368	.0366	.0364	.0362	.0360	.0358	.0355
5.0	.0443	.0440	.0436	.0431	.0427	.0422	.0416
6.0	.0514	.0508	.0502	.0495	.0488	.0480	.0471
7.0	.0582	.0573	.0564	.0554	.0544	.0533	.0521
8.0	.0646	.0635	.0623	.0610	.0596	.0582	.0567
9.0	.0709	.0695	.0679	.0663	.0646	.0628	.0609
10.0	.0769	.0752	.0733	.0713	.0692	.0670	.0647
15.0	.1049	.1012	.0974	.0933	.0891	.0848	.0804
20.0	.1299	.1240	.1179	.1115	.1050	.0983	.0915
25.0	.1527	.1444	.1358	.1269	.1178	.1086	.0995
30.0	.1737	.1629	.1516	.1400	.1283	.1166	.1051
35.0	.1932	.1796	.1656	.1512	.1369	.1226	.1088
40.0	.2113	.1949	.1780	.1609	.1438	.1272	.1111
45.0	.2282	.2089	.1891	.1692	.1495	.1304	.1122
50.0	.2439	.2218	.1991	.1763	.1540	.1326	.1124
60.0	.2725	.2444	.2159	.1876	.1603	.1345	.1108
70.0	.2976	.2636	.2293	.1957	.1636	.1340	.1073
75.0	.3090	.2721	.2350	.1987	.1645	.1330	.1051
80.0	.3198	.2800	.2400	.2012	.1648	.1317	.1026
90.0	.3394	.2938	.2484	.2047	.1643	.1283	.0973
100.0	.3568	.3056	.2549	.2066	.1626	.1240	.0916

TABLE 15 (continued)

N	KA = .14	.16	.18	.20	.22	.24	.26
2.0	.0200	.0201	.0201	.0202	.0202	.0202	.0202
3.0	.0283	.0282	.0281	.0279	.0277	.0275	.0273
4.0	.0351	.0348	.0344	.0340	.0336	.0331	.0326
5.0	.0410	.0404	.0398	.0391	.0383	.0375	.0367
6.0	.0462	.0453	.0443	.0433	.0422	.0411	.0399
7.0	.0509	.0496	.0483	.0469	.0455	.0440	.0425
8.0	.0551	.0535	.0517	.0500	.0482	.0463	.0444
9.0	.0589	.0569	.0548	.0526	.0505	.0482	.0460
10.0	.0624	.0600	.0575	.0549	.0524	.0498	.0471
15.0	.0759	.0714	.0668	.0623	.0578	.0533	.0490
20.0	.0848	.0781	.0714	.0650	.0587	.0528	.0471
25.0	.0905	.0816	.0731	.0649	.0572	.0500	.0434
30.0	.0938	.0830	.0728	.0632	.0543	.0462	.0390
35.0	.0955	.0829	.0712	.0604	.0507	.0420	.0344
40.0	.0958	.0817	.0687	.0570	.0467	.0377	.0300
45.0	.0952	.0797	.0657	.0533	.0426	.0335	.0260
50.0	.0938	.0771	.0623	.0495	.0386	.0296	.0223
60.0	.0896	.0710	.0551	.0419	.0312	.0228	.0162
70.0	.0840	.0643	.0480	.0350	.0249	.0173	.0117
75.0	.0810	.0609	.0446	.0318	.0221	.0150	.0098
80.0	.0779	.0576	.0414	.0289	.0196	.0130	.0083
90.0	.0716	.0511	.0354	.0237	.0154	.0097	.0059
100.0	.0654	.0451	.0301	.0193	.0120	.0072	.0041

TABLE 15 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.0202	.0201	.0201	.0200	.0200	.0199	.0198
3.0	.0271	.0268	.0265	.0262	.0259	.0256	.0252
4.0	.0321	.0316	.0310	.0304	.0297	.0291	.0284
5.0	.0359	.0350	.0341	.0332	.0322	.0312	.0302
6.0	.0387	.0375	.0363	.0350	.0337	.0324	.0311
7.0	.0409	.0393	.0377	.0361	.0345	.0329	.0312
8.0	.0425	.0406	.0387	.0367	.0348	.0329	.0310
9.0	.0437	.0414	.0392	.0369	.0347	.0325	.0303
10.0	.0445	.0419	.0393	.0368	.0343	.0318	.0295
15.0	.0448	.0408	.0369	.0333	.0298	.0266	.0235
20.0	.0417	.0367	.0321	.0279	.0240	.0205	.0174
25.0	.0373	.0317	.0268	.0224	.0186	.0153	.0124
30.0	.0325	.0268	.0219	.0176	.0141	.0111	.0087
35.0	.0278	.0222	.0175	.0137	.0105	.0080	.0060
40.0	.0236	.0182	.0139	.0105	.0077	.0056	.0040
45.0	.0198	.0148	.0109	.0079	.0057	.0040	.0027
50.0	.0165	.0120	.0086	.0060	.0041	.0028	.0018
60.0	.0113	.0077	.0052	.0034	.0022	.0013	.0008
70.0	.0077	.0049	.0031	.0019	.0011	.0006	.0004
75.0	.0063	.0039	.0024	.0014	.0008	.0004	.0002
80.0	.0052	.0031	.0018	.0010	.0006	.0003	.0002
90.0	.0034	.0020	.0011	.0006	.0003	.0001	.0001
100.0	.0023	.0012	.0006	.0003	.0001	.0001	.0000

TABLE 15 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.0197	.0196	.0194	.0193	.0191	.0189	.0188
3.0	.0248	.0244	.0240	.0236	.0231	.0227	.0222
4.0	.0277	.0270	.0262	.0255	.0247	.0240	.0232
5.0	.0292	.0281	.0271	.0260	.0250	.0239	.0229
6.0	.0297	.0284	.0271	.0257	.0244	.0231	.0219
7.0	.0296	.0280	.0264	.0249	.0234	.0219	.0204
8.0	.0291	.0273	.0255	.0237	.0220	.0204	.0188
9.0	.0282	.0262	.0242	.0224	.0205	.0188	.0172
10.0	.0272	.0250	.0229	.0209	.0190	.0172	.0155
15.0	.0207	.0182	.0159	.0137	.0119	.0102	.0087
20.0	.0147	.0123	.0102	.0084	.0069	.0056	.0045
25.0	.0100	.0080	.0063	.0050	.0039	.0030	.0023
30.0	.0067	.0051	.0039	.0029	.0021	.0015	.0011
35.0	.0044	.0032	.0023	.0016	.0011	.0008	.0005
40.0	.0029	.0020	.0014	.0009	.0006	.0004	.0003
45.0	.0018	.0012	.0008	.0005	.0003	.0002	.0001
50.0	.0012	.0008	.0005	.0003	.0002	.0001	.0001
60.0	.0005	.0003	.0002	.0001	.0000	.0000	.0000
70.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 15 (continued)

N	KA=	.56	.58	.60	.62	.64	.66	.68
2.0		.0186	.0184	.0181	.0179	.0177	.0174	.0171
3.0		.0217	.0212	.0206	.0201	.0196	.0190	.0185
4.0		.0224	.0216	.0208	.0200	.0192	.0184	.0176
5.0		.0218	.0208	.0198	.0188	.0178	.0168	.0158
6.0		.0206	.0194	.0182	.0170	.0159	.0148	.0138
7.0		.0190	.0177	.0164	.0152	.0140	.0128	.0118
8.0		.0173	.0159	.0146	.0133	.0121	.0109	.0099
9.0		.0156	.0142	.0128	.0115	.0103	.0092	.0082
10.0		.0139	.0125	.0111	.0099	.0088	.0077	.0068
15.0		.0073	.0062	.0052	.0043	.0036	.0029	.0024
20.0		.0036	.0028	.0022	.0017	.0014	.0010	.0008
25.0		.0017	.0013	.0009	.0007	.0005	.0004	.0003
30.0		.0008	.0006	.0004	.0003	.0002	.0001	.0001
35.0		.0004	.0002	.0002	.0001	.0001	.0000	.0000
40.0		.0002	.0001	.0001	.0000	.0000	.0000	.0000
45.0		.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 15 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.0169	.0166	.0163	.0160	.0157	.0154	.0151
3.0	.0179	.0174	.0168	.0162	.0157	.0151	.0145
4.0	.0168	.0161	.0153	.0145	.0138	.0131	.0124
5.0	.0149	.0140	.0131	.0123	.0115	.0107	.0100
6.0	.0128	.0118	.0109	.0101	.0093	.0085	.0078
7.0	.0108	.0098	.0089	.0081	.0073	.0066	.0059
8.0	.0089	.0080	.0072	.0064	.0057	.0050	.0044
9.0	.0073	.0064	.0057	.0050	.0044	.0038	.0033
10.0	.0059	.0052	.0045	.0039	.0033	.0028	.0024
15.0	.0019	.0016	.0013	.0010	.0008	.0006	.0005
20.0	.0006	.0004	.0003	.0002	.0002	.0001	.0001
25.0	.0002	.0001	.0001	.0001	.0000	.0000	.0000
30.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 15 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.0148	.0144	.0141	.0138	.0134	.0131	.0127
3.0	.0140	.0134	.0129	.0124	.0118	.0113	.0108
4.0	.0117	.0110	.0104	.0098	.0092	.0086	.0081
5.0	.0093	.0086	.0079	.0073	.0067	.0062	.0057
6.0	.0071	.0064	.0058	.0053	.0048	.0043	.0039
7.0	.0053	.0047	.0042	.0037	.0033	.0029	.0026
8.0	.0039	.0034	.0030	.0026	.0023	.0020	.0017
9.0	.0029	.0025	.0021	.0018	.0015	.0013	.0011
10.0	.0021	.0017	.0015	.0012	.0010	.0009	.0007
15.0	.0004	.0003	.0002	.0002	.0001	.0001	.0001
20.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 15 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0124	.0121	.0117	.0114	.0110	.0107	.0103
3.0	.0103	.0098	.0093	.0088	.0084	.0079	.0075
4.0	.0075	.0070	.0065	.0061	.0056	.0052	.0048
5.0	.0052	.0047	.0043	.0039	.0036	.0032	.0029
6.0	.0035	.0031	.0028	.0025	.0022	.0019	.0017
7.0	.0023	.0020	.0017	.0015	.0013	.0011	.0010
8.0	.0015	.0012	.0011	.0009	.0008	.0007	.0005
9.0	.0009	.0008	.0007	.0005	.0004	.0004	.0003
10.0	.0006	.0005	.0004	.0003	.0003	.0002	.0002
15.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 16
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$

PO= .020

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.0387	.0388	.0389	.0390	.0391	.0391	.0392
3.0	.0558	.0557	.0555	.0553	.0551	.0549	.0546
4.0	.0708	.0703	.0698	.0692	.0686	.0679	.0672
5.0	.0845	.0836	.0826	.0816	.0804	.0792	.0780
6.0	.0972	.0958	.0943	.0927	.0911	.0893	.0875
7.0	.1092	.1072	.1052	.1030	.1007	.0983	.0959
8.0	.1205	.1180	.1153	.1125	.1096	.1065	.1034
9.0	.1312	.1281	.1248	.1214	.1178	.1140	.1102
10.0	.1415	.1378	.1338	.1297	.1254	.1209	.1163
15.0	.1873	.1800	.1723	.1644	.1562	.1479	.1394
20.0	.2259	.2145	.2028	.1907	.1784	.1660	.1536
25.0	.2588	.2433	.2274	.2110	.1946	.1782	.1619
30.0	.2874	.2676	.2473	.2268	.2062	.1859	.1661
35.0	.3122	.2882	.2636	.2389	.2144	.1904	.1674
40.0	.3339	.3057	.2769	.2482	.2199	.1925	.1666
45.0	.3530	.3206	.2877	.2551	.2232	.1928	.1642
50.0	.3697	.3333	.2965	.2601	.2249	.1916	.1607
60.0	.3975	.3533	.3090	.2658	.2246	.1864	.1518
70.0	.4192	.3677	.3166	.2672	.2209	.1788	.1415
75.0	.4282	.3733	.3190	.2668	.2183	.1745	.1362
80.0	.4361	.3780	.3206	.2658	.2152	.1699	.1308
90.0	.4495	.3851	.3221	.2625	.2082	.1606	.1203
100.0	.4600	.3899	.3217	.2578	.2005	.1511	.1103

TABLE 16 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.0392	.0392	.0392	.0392	.0392	.0392	.0391
3.0	.0543	.0539	.0535	.0531	.0527	.0522	.0516
4.0	.0664	.0656	.0647	.0638	.0628	.0617	.0606
5.0	.0767	.0753	.0738	.0723	.0707	.0690	.0673
6.0	.0855	.0835	.0814	.0792	.0770	.0747	.0723
7.0	.0933	.0906	.0878	.0850	.0820	.0791	.0760
8.0	.1001	.0967	.0933	.0897	.0861	.0824	.0787
9.0	.1062	.1021	.0979	.0936	.0893	.0850	.0806
10.0	.1116	.1067	.1018	.0969	.0919	.0868	.0819
15.0	.1308	.1223	.1138	.1054	.0971	.0891	.0813
20.0	.1413	.1292	.1174	.1060	.0951	.0847	.0750
25.0	.1461	.1308	.1161	.1023	.0894	.0774	.0665
30.0	.1471	.1290	.1121	.0964	.0821	.0692	.0577
35.0	.1455	.1251	.1064	.0894	.0742	.0608	.0493
40.0	.1423	.1200	.0998	.0820	.0664	.0530	.0417
45.0	.1378	.1141	.0930	.0746	.0590	.0459	.0351
50.0	.1327	.1077	.0860	.0675	.0521	.0395	.0294
60.0	.1212	.0949	.0728	.0547	.0402	.0290	.0204
70.0	.1094	.0827	.0610	.0439	.0308	.0211	.0141
75.0	.1037	.0770	.0557	.0393	.0269	.0180	.0117
80.0	.0981	.0716	.0508	.0351	.0235	.0153	.0097
90.0	.0875	.0617	.0422	.0279	.0179	.0111	.0067
100.0	.0778	.0531	.0350	.0222	.0136	.0081	.0046

TABLE 16 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.0390	.0389	.0388	.0386	.0384	.0382	.0380
3.0	.0511	.0505	.0499	.0492	.0485	.0477	.0470
4.0	.0595	.0583	.0571	.0558	.0545	.0532	.0518
5.0	.0656	.0637	.0619	.0600	.0580	.0561	.0541
6.0	.0699	.0674	.0649	.0624	.0599	.0573	.0548
7.0	.0730	.0699	.0667	.0636	.0605	.0574	.0543
8.0	.0750	.0713	.0676	.0639	.0602	.0566	.0531
9.0	.0763	.0720	.0677	.0635	.0593	.0553	.0513
10.0	.0769	.0720	.0672	.0625	.0579	.0535	.0493
15.0	.0739	.0668	.0600	.0536	.0477	.0422	.0371
20.0	.0659	.0575	.0498	.0429	.0366	.0311	.0261
25.0	.0566	.0478	.0399	.0331	.0272	.0221	.0178
30.0	.0476	.0388	.0313	.0250	.0198	.0154	.0119
35.0	.0394	.0311	.0243	.0187	.0142	.0107	.0079
40.0	.0324	.0248	.0187	.0139	.0101	.0073	.0052
45.0	.0264	.0196	.0143	.0102	.0072	.0050	.0034
50.0	.0215	.0154	.0109	.0075	.0051	.0034	.0022
60.0	.0141	.0095	.0063	.0040	.0025	.0016	.0009
70.0	.0092	.0058	.0036	.0022	.0013	.0007	.0004
75.0	.0074	.0046	.0027	.0016	.0009	.0005	.0003
80.0	.0060	.0036	.0021	.0012	.0006	.0003	.0002
90.0	.0039	.0022	.0012	.0006	.0003	.0002	.0001
100.0	.0025	.0013	.0007	.0003	.0002	.0001	.0000

TABLE 16 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.0378	.0375	.0372	.0369	.0366	.0362	.0358
3.0	.0462	.0453	.0445	.0436	.0427	.0417	.0407
4.0	.0504	.0489	.0475	.0460	.0445	.0430	.0414
5.0	.0521	.0501	.0480	.0460	.0440	.0420	.0400
6.0	.0522	.0497	.0471	.0447	.0422	.0398	.0375
7.0	.0513	.0483	.0453	.0425	.0397	.0370	.0344
8.0	.0496	.0463	.0430	.0398	.0368	.0339	.0311
9.0	.0475	.0439	.0403	.0370	.0338	.0308	.0279
10.0	.0452	.0413	.0376	.0341	.0308	.0277	.0248
15.0	.0325	.0282	.0244	.0210	.0180	.0153	.0129
20.0	.0218	.0181	.0149	.0121	.0098	.0079	.0063
25.0	.0142	.0112	.0085	.0068	.0052	.0040	.0030
30.0	.0091	.0069	.0051	.0038	.0027	.0020	.0014
35.0	.0058	.0041	.0029	.0021	.0014	.0010	.0007
40.0	.0036	.0025	.0017	.0011	.0007	.0005	.0003
45.0	.0023	.0015	.0010	.0006	.0004	.0002	.0001
50.0	.0014	.0009	.0006	.0003	.0002	.0001	.0001
60.0	.0006	.0003	.0002	.0001	.0001	.0000	.0000
70.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 16 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.0354	.0350	.0346	.0341	.0336	.0331	.0326
3.0	.0397	.0387	.0377	.0367	.0356	.0345	.0335
4.0	.0399	.0384	.0368	.0353	.0338	.0323	.0308
5.0	.0380	.0361	.0342	.0323	.0305	.0287	.0270
6.0	.0352	.0329	.0308	.0287	.0267	.0247	.0229
7.0	.0319	.0295	.0272	.0250	.0229	.0209	.0191
8.0	.0285	.0260	.0237	.0215	.0194	.0175	.0157
9.0	.0252	.0227	.0204	.0182	.0163	.0144	.0128
10.0	.0222	.0197	.0175	.0154	.0135	.0119	.0103
15.0	.0108	.0090	.0075	.0062	.0051	.0041	.0034
20.0	.0050	.0039	.0030	.0024	.0018	.0014	.0010
25.0	.0022	.0017	.0012	.0009	.0006	.0004	.0003
30.0	.0010	.0007	.0005	.0003	.0002	.0001	.0001
35.0	.0004	.0003	.0002	.0001	.0001	.0000	.0000
40.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
45.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 16 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.0321	.0315	.0310	.0304	.0298	.0292	.0285
3.0	.0324	.0313	.0302	.0291	.0281	.0270	.0259
4.0	.0294	.0279	.0265	.0251	.0238	.0225	.0212
5.0	.0253	.0237	.0221	.0206	.0191	.0178	.0164
6.0	.0211	.0195	.0179	.0164	.0150	.0137	.0124
7.0	.0173	.0157	.0142	.0128	.0115	.0103	.0092
8.0	.0140	.0125	.0111	.0099	.0087	.0077	.0067
9.0	.0113	.0099	.0087	.0075	.0065	.0057	.0049
10.0	.0090	.0078	.0067	.0057	.0049	.0042	.0035
15.0	.0027	.0022	.0017	.0014	.0011	.0008	.0006
20.0	.0008	.0006	.0004	.0003	.0002	.0002	.0001
25.0	.0002	.0001	.0001	.0001	.0000	.0000	.0000
30.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 16 (continued)

N	KA=	.84	.86	.88	.90	.92	.94	.96
2.0		.0279	.0273	.0266	.0260	.0253	.0246	.0240
3.0		.0249	.0238	.0228	.0218	.0208	.0198	.0189
4.0		.0199	.0187	.0176	.0165	.0154	.0144	.0134
5.0		.0152	.0140	.0129	.0118	.0108	.0099	.0090
6.0		.0113	.0102	.0092	.0083	.0074	.0067	.0059
7.0		.0082	.0073	.0064	.0057	.0050	.0044	.0038
8.0		.0059	.0051	.0045	.0039	.0033	.0029	.0024
9.0		.0042	.0036	.0031	.0026	.0022	.0018	.0015
10.0		.0030	.0025	.0021	.0017	.0014	.0012	.0010
15.0		.0005	.0004	.0003	.0002	.0002	.0001	.0001
20.0		.0001	.0001	.0000	.0000	.0000	.0000	.0000
25.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 16 (continued)

N	KA = .93	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0233	.0226	.0219	.0212	.0206	.0199	.0192
3.0	.0179	.0170	.0161	.0153	.0144	.0136	.0129
4.0	.0124	.0116	.0107	.0099	.0091	.0084	.0078
5.0	.0082	.0075	.0068	.0061	.0055	.0050	.0045
6.0	.0053	.0047	.0042	.0037	.0032	.0029	.0025
7.0	.0033	.0029	.0025	.0022	.0019	.0016	.0014
8.0	.0021	.0018	.0015	.0013	.0011	.0009	.0008
9.0	.0013	.0011	.0009	.0007	.0006	.0005	.0004
10.0	.0008	.0007	.0005	.0004	.0003	.0003	.0002
15.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000



TABLE 17
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$

PC= .030

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.0576	.0577	.0578	.0578	.0578	.0579	.0578
3.0	.0819	.0815	.0812	.0807	.0803	.0798	.0792
4.0	.1028	.1019	.1009	.0999	.0988	.0977	.0964
5.0	.1216	.1200	.1184	.1167	.1148	.1129	.1109
6.0	.1388	.1365	.1341	.1316	.1289	.1262	.1232
7.0	.1548	.1517	.1485	.1451	.1415	.1378	.1340
8.0	.1698	.1658	.1617	.1574	.1529	.1482	.1434
9.0	.1838	.1790	.1739	.1686	.1632	.1575	.1517
10.0	.1970	.1913	.1852	.1790	.1725	.1658	.1590
15.0	.2536	.2428	.2317	.2202	.2084	.1965	.1845
20.0	.2981	.2821	.2655	.2486	.2315	.2144	.1974
25.0	.3338	.3124	.2905	.2684	.2462	.2242	.2026
30.0	.3628	.3362	.3091	.2819	.2549	.2285	.2030
35.0	.3864	.3548	.3228	.2909	.2595	.2291	.2001
40.0	.4058	.3694	.3328	.2964	.2610	.2271	.1952
45.0	.4218	.3809	.3398	.2994	.2604	.2234	.1890
50.0	.4349	.3898	.3447	.3005	.2582	.2186	.1821
60.0	.4549	.4019	.3495	.2987	.2509	.2068	.1674
70.0	.4686	.4088	.3499	.2936	.2412	.1940	.1526
75.0	.4738	.4108	.3490	.2902	.2360	.1876	.1455
80.0	.4781	.4121	.3476	.2866	.2307	.1812	.1387
90.0	.4847	.4132	.3438	.2787	.2199	.1688	.1258
100.0	.4893	.4128	.3390	.2704	.2094	.1571	.1141

TABLE 17 (continued)

N	$K\Lambda = .14$.16	.18	.20	.22	.24	.26
2.0	.0573	.0578	.0577	.0576	.0575	.0573	.0572
3.0	.0787	.0780	.0773	.0766	.0758	.0750	.0741
4.0	.0951	.0938	.0923	.0908	.0892	.0876	.0858
5.0	.1087	.1065	.1042	.1018	.0993	.0968	.0942
6.0	.1202	.1171	.1139	.1105	.1071	.1036	.1001
7.0	.1300	.1259	.1218	.1175	.1131	.1087	.1042
8.0	.1385	.1334	.1282	.1230	.1176	.1123	.1069
9.0	.1457	.1397	.1335	.1273	.1210	.1147	.1084
10.0	.1520	.1449	.1378	.1306	.1234	.1162	.1091
15.0	.1724	.1604	.1486	.1370	.1256	.1147	.1041
20.0	.1806	.1643	.1485	.1333	.1189	.1053	.0927
25.0	.1818	.1618	.1428	.1250	.1085	.0934	.0797
30.0	.1786	.1557	.1343	.1148	.0971	.0813	.0673
35.0	.1729	.1476	.1247	.1040	.0858	.0699	.0562
40.0	.1656	.1387	.1147	.0935	.0752	.0596	.0466
45.0	.1576	.1295	.1049	.0836	.0656	.0507	.0385
50.0	.1493	.1204	.0955	.0745	.0571	.0430	.0318
60.0	.1328	.1033	.0788	.0588	.0430	.0308	.0216
70.0	.1174	.0882	.0647	.0463	.0323	.0220	.0146
75.0	.1102	.0814	.0586	.0411	.0281	.0187	.0121
80.0	.1034	.0751	.0530	.0364	.0243	.0158	.0100
90.0	.0911	.0639	.0435	.0287	.0184	.0114	.0068
100.0	.0802	.0545	.0358	.0227	.0139	.0082	.0047

TABLE 17 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.0570	.0567	.0565	.0562	.0559	.0555	.0552
3.0	.0732	.0722	.0712	.0701	.0690	.0678	.0666
4.0	.0841	.0822	.0803	.0784	.0763	.0743	.0722
5.0	.0915	.0887	.0859	.0831	.0802	.0773	.0743
6.0	.0965	.0928	.0891	.0854	.0817	.0779	.0742
7.0	.0996	.0951	.0906	.0860	.0815	.0771	.0727
8.0	.1015	.0961	.0907	.0855	.0803	.0752	.0702
9.0	.1022	.0960	.0900	.0840	.0782	.0726	.0671
10.0	.1021	.0952	.0885	.0820	.0756	.0695	.0637
15.0	.0941	.0846	.0756	.0672	.0595	.0523	.0458
20.0	.0810	.0703	.0605	.0517	.0439	.0370	.0309
25.0	.0674	.0565	.0470	.0387	.0315	.0255	.0204
30.0	.0552	.0447	.0359	.0284	.0223	.0173	.0133
35.0	.0447	.0350	.0271	.0208	.0157	.0117	.0086
40.0	.0359	.0273	.0204	.0151	.0110	.0079	.0055
45.0	.0288	.0212	.0154	.0109	.0077	.0053	.0036
50.0	.0231	.0165	.0115	.0079	.0054	.0036	.0023
60.0	.0148	.0099	.0065	.0042	.0026	.0016	.0010
70.0	.0095	.0060	.0037	.0022	.0013	.0007	.0004
75.0	.0076	.0047	.0028	.0016	.0009	.0005	.0003
80.0	.0061	.0036	.0021	.0012	.0006	.0003	.0002
90.0	.0039	.0022	.0012	.0006	.0003	.0002	.0001
100.0	.0026	.0013	.0007	.0003	.0002	.0001	.0000

TABLE 17 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.0547	.0543	.0538	.0533	.0528	.0522	.0516
3.0	.0654	.0641	.0627	.0614	.0600	.0585	.0571
4.0	.0701	.0679	.0657	.0635	.0613	.0591	.0568
5.0	.0714	.0684	.0654	.0625	.0596	.0567	.0538
6.0	.0705	.0669	.0633	.0597	.0563	.0529	.0496
7.0	.0684	.0641	.0600	.0560	.0521	.0484	.0448
8.0	.0654	.0607	.0562	.0518	.0477	.0437	.0400
9.0	.0619	.0569	.0521	.0475	.0432	.0392	.0354
10.0	.0582	.0529	.0479	.0432	.0389	.0348	.0311
15.0	.0398	.0344	.0296	.0253	.0215	.0182	.0153
20.0	.0257	.0212	.0173	.0140	.0113	.0090	.0071
25.0	.0162	.0127	.0099	.0076	.0058	.0044	.0033
30.0	.0101	.0075	.0056	.0041	.0030	.0021	.0015
35.0	.0062	.0045	.0032	.0022	.0015	.0010	.0007
40.0	.0039	.0026	.0018	.0012	.0008	.0005	.0003
45.0	.0024	.0016	.0010	.0006	.0004	.0002	.0001
50.0	.0015	.0009	.0006	.0003	.0002	.0001	.0001
60.0	.0006	.0003	.0002	.0001	.0001	.0000	.0000
70.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 17 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.0510	.0503	.0496	.0489	.0482	.0474	.0466
3.0	.0556	.0540	.0525	.0510	.0494	.0478	.0462
4.0	.0546	.0523	.0501	.0479	.0457	.0436	.0415
5.0	.0510	.0483	.0456	.0429	.0404	.0379	.0355
6.0	.0464	.0433	.0403	.0374	.0347	.0320	.0295
7.0	.0414	.0381	.0350	.0320	.0292	.0266	.0242
8.0	.0365	.0331	.0300	.0271	.0244	.0218	.0195
9.0	.0318	.0285	.0255	.0227	.0201	.0178	.0157
10.0	.0276	.0244	.0215	.0189	.0165	.0144	.0125
15.0	.0127	.0106	.0087	.0072	.0058	.0047	.0038
20.0	.0056	.0044	.0034	.0026	.0020	.0015	.0011
25.0	.0024	.0018	.0013	.0009	.0007	.0005	.0003
30.0	.0011	.0007	.0005	.0003	.0002	.0001	.0001
35.0	.0005	.0003	.0002	.0001	.0001	.0000	.0000
40.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
45.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 17 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.0458	.0450	.0441	.0432	.0423	.0414	.0404
3.0	.0446	.0431	.0415	.0399	.0383	.0368	.0353
4.0	.0394	.0374	.0354	.0334	.0315	.0297	.0279
5.0	.0331	.0309	.0288	.0267	.0247	.0229	.0211
6.0	.0272	.0249	.0228	.0208	.0189	.0172	.0156
7.0	.0219	.0197	.0177	.0159	.0142	.0127	.0113
8.0	.0174	.0154	.0137	.0121	.0106	.0093	.0081
9.0	.0137	.0120	.0104	.0091	.0078	.0067	.0058
10.0	.0108	.0093	.0079	.0068	.0057	.0049	.0041
15.0	.0030	.0024	.0019	.0015	.0012	.0009	.0007
20.0	.0008	.0006	.0005	.0003	.0002	.0002	.0001
25.0	.0002	.0002	.0001	.0001	.0000	.0000	.0000
30.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 17 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.0395	.0385	.0375	.0366	.0356	.0346	.0336
3.0	.0337	.0322	.0308	.0293	.0279	.0265	.0252
4.0	.0262	.0245	.0229	.0214	.0200	.0186	.0172
5.0	.0194	.0178	.0164	.0150	.0137	.0124	.0113
6.0	.0141	.0127	.0114	.0102	.0091	.0081	.0072
7.0	.0100	.0088	.0078	.0068	.0060	.0052	.0046
8.0	.0070	.0061	.0053	.0045	.0039	.0033	.0028
9.0	.0049	.0042	.0036	.0030	.0025	.0021	.0018
10.0	.0034	.0029	.0024	.0020	.0016	.0013	.0011
15.0	.0005	.0004	.0003	.0002	.0002	.0001	.0001
20.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 17 (continued)

N	KA= .92	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0326	.0316	.0306	.0296	.0286	.0276	.0266
3.0	.0239	.0226	.0214	.0202	.0190	.0179	.0168
4.0	.0160	.0148	.0136	.0126	.0116	.0106	.0097
5.0	.0102	.0093	.0084	.0075	.0068	.0061	.0054
6.0	.0064	.0057	.0050	.0044	.0039	.0034	.0029
7.0	.0040	.0034	.0029	.0025	.0022	.0019	.0016
8.0	.0024	.0020	.0017	.0015	.0012	.0010	.0008
9.0	.0015	.0012	.0010	.0008	.0007	.0006	.0004
10.0	.0009	.0007	.0006	.0005	.0004	.0003	.0002
15.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 18
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$
 $P_0 = .040$

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.0762	.0762	.0762	.0762	.0762	.0761	.0760
3.0	.1068	.1063	.1056	.1050	.1042	.1035	.1026
4.0	.1329	.1315	.1301	.1286	.1270	.1254	.1236
5.0	.1560	.1537	.1514	.1489	.1463	.1436	.1408
6.0	.1768	.1736	.1702	.1667	.1630	.1592	.1552
7.0	.1959	.1916	.1872	.1825	.1777	.1727	.1675
8.0	.2134	.2081	.2025	.1966	.1906	.1844	.1780
9.0	.2297	.2232	.2164	.2094	.2021	.1946	.1869
10.0	.2448	.2371	.2291	.2208	.2123	.2035	.1946
15.0	.3069	.2930	.2787	.2641	.2492	.2341	.2190
20.0	.3525	.3324	.3118	.2909	.2699	.2490	.2283
25.0	.3866	.3606	.3340	.3073	.2807	.2546	.2291
30.0	.4125	.3808	.3487	.3167	.2852	.2545	.2251
35.0	.4323	.3954	.3582	.3214	.2855	.2509	.2182
40.0	.4475	.4057	.3640	.3229	.2831	.2452	.2098
45.0	.4591	.4130	.3670	.3221	.2789	.2383	.2007
50.0	.4682	.4180	.3682	.3197	.2736	.2307	.1914
60.0	.4806	.4232	.3666	.3123	.2613	.2147	.1731
70.0	.4882	.4245	.3622	.3030	.2482	.1991	.1562
75.0	.4907	.4243	.3594	.2981	.2417	.1916	.1483
80.0	.4927	.4236	.3564	.2931	.2353	.1844	.1408
90.0	.4955	.4215	.3499	.2831	.2230	.1708	.1271
100.0	.4972	.4188	.3433	.2734	.2113	.1583	.1149

TABLE 18 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.0759	.0757	.0756	.0754	.0751	.0749	.0746
3.0	.1017	.1008	.0998	.0987	.0976	.0964	.0951
4.0	.1217	.1198	.1177	.1156	.1134	.1111	.1087
5.0	.1379	.1348	.1316	.1283	.1250	.1215	.1180
6.0	.1511	.1469	.1425	.1381	.1335	.1289	.1241
7.0	.1622	.1567	.1511	.1455	.1397	.1339	.1280
8.0	.1714	.1647	.1579	.1510	.1441	.1371	.1301
9.0	.1791	.1712	.1632	.1551	.1470	.1389	.1309
10.0	.1856	.1764	.1672	.1580	.1488	.1397	.1307
15.0	.2040	.1891	.1745	.1602	.1464	.1331	.1204
20.0	.2081	.1885	.1696	.1516	.1346	.1187	.1040
25.0	.2046	.1813	.1593	.1388	.1200	.1028	.0873
30.0	.1971	.1710	.1469	.1250	.1052	.0877	.0723
35.0	.1876	.1596	.1341	.1114	.0915	.0742	.0594
40.0	.1773	.1478	.1217	.0988	.0791	.0625	.0487
45.0	.1667	.1364	.1100	.0874	.0683	.0526	.0398
50.0	.1564	.1256	.0993	.0771	.0589	.0442	.0326
60.0	.1370	.1062	.0807	.0601	.0438	.0313	.0219
70.0	.1198	.0897	.0657	.0469	.0327	.0223	.0148
75.0	.1120	.0825	.0593	.0415	.0283	.0188	.0122
80.0	.1048	.0759	.0536	.0367	.0245	.0159	.0100
90.0	.0919	.0644	.0438	.0289	.0184	.0114	.0068
100.0	.0807	.0548	.0359	.0227	.0139	.0082	.0047

TABLE 18 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.0742	.0739	.0735	.0730	.0725	.0720	.0714
3.0	.0938	.0924	.0909	.0894	.0879	.0862	.0846
4.0	.1063	.1038	.1012	.0985	.0958	.0931	.0903
5.0	.1144	.1107	.1069	.1032	.0994	.0955	.0917
6.0	.1194	.1145	.1097	.1049	.1000	.0952	.0904
7.0	.1221	.1162	.1104	.1045	.0988	.0931	.0875
8.0	.1232	.1163	.1095	.1028	.0963	.0899	.0837
9.0	.1230	.1152	.1076	.1001	.0929	.0859	.0792
10.0	.1219	.1133	.1049	.0968	.0890	.0816	.0744
15.0	.1083	.0969	.0863	.0764	.0673	.0589	.0513
20.0	.0904	.0781	.0670	.0570	.0482	.0404	.0336
25.0	.0735	.0613	.0507	.0416	.0337	.0271	.0216
30.0	.0590	.0476	.0380	.0300	.0234	.0181	.0138
35.0	.0470	.0367	.0283	.0216	.0162	.0121	.0088
40.0	.0374	.0283	.0211	.0155	.0113	.0080	.0057
45.0	.0297	.0218	.0157	.0112	.0078	.0054	.0036
50.0	.0236	.0168	.0117	.0081	.0054	.0036	.0023
60.0	.0150	.0100	.0066	.0042	.0026	.0016	.0010
70.0	.0096	.0060	.0037	.0022	.0013	.0007	.0004
75.0	.0076	.0047	.0028	.0016	.0009	.0005	.0003
80.0	.0061	.0036	.0021	.0012	.0006	.0003	.0002
90.0	.0039	.0022	.0012	.0006	.0003	.0002	.0001
100.0	.0026	.0013	.0007	.0003	.0002	.0001	.0000

TABLE 18 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.0708	.0702	.0695	.0688	.0680	.0672	.0663
3.0	.0829	.0811	.0793	.0774	.0755	.0736	.0716
4.0	.0874	.0846	.0817	.0787	.0758	.0729	.0700
5.0	.0878	.0840	.0801	.0763	.0726	.0689	.0652
6.0	.0857	.0810	.0764	.0720	.0676	.0633	.0592
7.0	.0821	.0768	.0716	.0666	.0618	.0572	.0528
8.0	.0776	.0718	.0663	.0609	.0559	.0511	.0465
9.0	.0727	.0666	.0608	.0552	.0501	.0452	.0406
10.0	.0677	.0613	.0553	.0498	.0446	.0397	.0353
15.0	.0444	.0382	.0327	.0279	.0236	.0198	.0166
20.0	.0278	.0223	.0185	.0150	.0120	.0095	.0075
25.0	.0171	.0134	.0104	.0080	.0060	.0046	.0034
30.0	.0105	.0078	.0058	.0042	.0030	.0022	.0015
35.0	.0064	.0046	.0032	.0022	.0015	.0010	.0007
40.0	.0039	.0027	.0018	.0012	.0008	.0005	.0003
45.0	.0024	.0016	.0010	.0006	.0004	.0002	.0001
50.0	.0015	.0009	.0006	.0003	.0002	.0001	.0001
60.0	.0006	.0003	.0002	.0001	.0001	.0000	.0000
70.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 18 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.0655	.0645	.0636	.0626	.0616	.0605	.0594
3.0	.0696	.0676	.0655	.0635	.0614	.0593	.0573
4.0	.0671	.0642	.0613	.0585	.0557	.0529	.0502
5.0	.0617	.0582	.0548	.0514	.0482	.0451	.0421
6.0	.0552	.0513	.0476	.0441	.0407	.0375	.0345
7.0	.0486	.0446	.0408	.0372	.0338	.0307	.0278
8.0	.0422	.0382	.0345	.0310	.0278	.0248	.0221
9.0	.0364	.0325	.0290	.0257	.0227	.0200	.0175
10.0	.0312	.0275	.0242	.0211	.0184	.0160	.0138
15.0	.0138	.0114	.0094	.0077	.0062	.0050	.0040
20.0	.0059	.0046	.0035	.0027	.0021	.0015	.0012
25.0	.0025	.0018	.0013	.0010	.0007	.0005	.0003
30.0	.0011	.0007	.0005	.0003	.0002	.0001	.0001
35.0	.0005	.0003	.0002	.0001	.0001	.0000	.0000
40.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
45.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000



TABLE 18 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.0583	.0571	.0560	.0548	.0535	.0523	.0510
3.0	.0552	.0531	.0511	.0490	.0470	.0450	.0430
4.0	.0476	.0450	.0425	.0401	.0377	.0354	.0332
5.0	.0393	.0365	.0339	.0313	.0289	.0267	.0245
6.0	.0316	.0289	.0263	.0239	.0217	.0197	.0177
7.0	.0250	.0225	.0202	.0180	.0161	.0143	.0126
8.0	.0196	.0174	.0153	.0134	.0118	.0103	.0089
9.0	.0153	.0133	.0115	.0100	.0086	.0074	.0063
10.0	.0119	.0102	.0087	.0074	.0062	.0052	.0044
15.0	.0032	.0025	.0020	.0016	.0012	.0009	.0007
20.0	.0009	.0006	.0005	.0003	.0002	.0002	.0001
25.0	.0002	.0002	.0001	.0001	.0000	.0000	.0000
30.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 18 (continued)

N	KA = .84	.86	.88	.90	.92	.94	.96
2.0	.0498	.0485	.0472	.0459	.0446	.0432	.0419
3.0	.0411	.0392	.0373	.0355	.0337	.0320	.0303
4.0	.0311	.0290	.0271	.0252	.0234	.0217	.0201
5.0	.0225	.0206	.0188	.0172	.0156	.0142	.0128
6.0	.0160	.0143	.0128	.0115	.0102	.0091	.0080
7.0	.0112	.0098	.0086	.0076	.0066	.0057	.0050
8.0	.0077	.0067	.0058	.0049	.0042	.0036	.0031
9.0	.0053	.0045	.0038	.0032	.0027	.0023	.0019
10.0	.0037	.0031	.0025	.0021	.0017	.0014	.0012
15.0	.0006	.0004	.0003	.0002	.0002	.0001	.0001
20.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 18 (continued)

N	KA= .93	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0406	.0393	.0380	.0367	.0354	.0341	.0328
3.0	.0286	.0270	.0255	.0240	.0226	.0212	.0199
4.0	.0186	.0171	.0158	.0145	.0133	.0122	.0111
5.0	.0116	.0104	.0094	.0084	.0075	.0067	.0060
6.0	.0071	.0063	.0055	.0048	.0042	.0037	.0032
7.0	.0043	.0037	.0032	.0027	.0023	.0020	.0017
8.0	.0026	.0022	.0018	.0015	.0013	.0011	.0009
9.0	.0016	.0013	.0011	.0009	.0007	.0006	.0005
10.0	.0009	.0008	.0006	.0005	.0004	.0003	.0002
15.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 19
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$

PO = .050

N	KA = .00	.02	.04	.06	.08	.10	.12
2.0	.0944	.0943	.0943	.0941	.0940	.0938	.0937
3.0	.1307	.1299	.1290	.1281	.1270	.1260	.1248
4.0	.1612	.1594	.1575	.1555	.1533	.1511	.1488
5.0	.1877	.1848	.1818	.1786	.1752	.1717	.1681
6.0	.2114	.2073	.2029	.1984	.1937	.1889	.1838
7.0	.2327	.2273	.2216	.2158	.2097	.2034	.1969
8.0	.2520	.2453	.2382	.2310	.2234	.2157	.2077
9.0	.2697	.2615	.2531	.2444	.2354	.2262	.2168
10.0	.2859	.2763	.2664	.2562	.2458	.2351	.2242
15.0	.3496	.3329	.3158	.2984	.2808	.2631	.2454
20.0	.3931	.3696	.3457	.3216	.2974	.2735	.2500
25.0	.4234	.3937	.3636	.3335	.3036	.2744	.2462
30.0	.4449	.4095	.3738	.3384	.3037	.2702	.2381
35.0	.4602	.4197	.3791	.3391	.3002	.2631	.2280
40.0	.4712	.4260	.3811	.3370	.2947	.2545	.2172
45.0	.4791	.4298	.3809	.3333	.2879	.2453	.2061
50.0	.4848	.4317	.3793	.3286	.2806	.2359	.1954
60.0	.4919	.4323	.3737	.3177	.2654	.2177	.1752
70.0	.4957	.4304	.3667	.3062	.2506	.2007	.1573
75.0	.4968	.4289	.3629	.3006	.2435	.1928	.1491
80.0	.4977	.4274	.3591	.2950	.2367	.1852	.1414
90.0	.4988	.4239	.3516	.2842	.2237	.1713	.1274
100.0	.4993	.4203	.3443	.2741	.2118	.1586	.1150

TABLE 19 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.0934	.0932	.0929	.0925	.0922	.0918	.0913
3.0	.1236	.1223	.1209	.1195	.1179	.1163	.1147
4.0	.1463	.1438	.1411	.1384	.1355	.1326	.1296
5.0	.1643	.1604	.1563	.1522	.1479	.1436	.1391
6.0	.1786	.1733	.1678	.1623	.1566	.1508	.1450
7.0	.1903	.1835	.1766	.1696	.1625	.1554	.1482
8.0	.1996	.1914	.1831	.1747	.1663	.1578	.1494
9.0	.2072	.1976	.1878	.1781	.1684	.1587	.1492
10.0	.2133	.2022	.1912	.1801	.1692	.1584	.1478
15.0	.2278	.2105	.1936	.1772	.1614	.1462	.1318
20.0	.2271	.2049	.1838	.1637	.1449	.1273	.1111
25.0	.2191	.1935	.1694	.1471	.1267	.1082	.0916
30.0	.2079	.1798	.1540	.1305	.1095	.0910	.0748
35.0	.1955	.1657	.1389	.1151	.0942	.0762	.0609
40.0	.1830	.1522	.1249	.1012	.0808	.0637	.0495
45.0	.1708	.1394	.1122	.0889	.0694	.0533	.0403
50.0	.1592	.1277	.1007	.0781	.0596	.0446	.0329
60.0	.1384	.1072	.0813	.0605	.0441	.0315	.0220
70.0	.1205	.0902	.0659	.0471	.0328	.0223	.0148
75.0	.1125	.0828	.0595	.0416	.0284	.0188	.0122
80.0	.1051	.0761	.0537	.0368	.0245	.0159	.0100
90.0	.0920	.0645	.0438	.0286	.0184	.0114	.0068
100.0	.0807	.0548	.0359	.0227	.0139	.0082	.0047

TABLE 19 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.0908	.0903	.0897	.0890	.0884	.0876	.0869
3.0	.1129	.1111	.1092	.1073	.1053	.1032	.1010
4.0	.1264	.1232	.1200	.1166	.1132	.1098	.1063
5.0	.1346	.1300	.1254	.1207	.1160	.1113	.1066
6.0	.1391	.1332	.1273	.1214	.1155	.1097	.1039
7.0	.1411	.1339	.1268	.1199	.1130	.1062	.0996
8.0	.1411	.1329	.1248	.1168	.1091	.1015	.0942
9.0	.1398	.1305	.1215	.1128	.1043	.0962	.0884
10.0	.1374	.1273	.1176	.1082	.0991	.0905	.0824
15.0	.1182	.1054	.0935	.0825	.0724	.0632	.0549
20.0	.0963	.0829	.0708	.0601	.0506	.0423	.0351
25.0	.0769	.0639	.0527	.0431	.0349	.0280	.0222
30.0	.0609	.0490	.0390	.0307	.0239	.0185	.0141
35.0	.0480	.0375	.0288	.0219	.0165	.0122	.0089
40.0	.0379	.0287	.0214	.0157	.0114	.0081	.0057
45.0	.0300	.0220	.0159	.0113	.0079	.0054	.0036
50.0	.0238	.0169	.0118	.0081	.0054	.0036	.0023
60.0	.0150	.0101	.0066	.0042	.0026	.0016	.0010
70.0	.0096	.0060	.0037	.0022	.0013	.0007	.0004
75.0	.0077	.0047	.0028	.0016	.0009	.0005	.0003
80.0	.0061	.0036	.0021	.0012	.0006	.0003	.0002
90.0	.0039	.0022	.0012	.0006	.0003	.0002	.0001
100.0	.0026	.0013	.0007	.0003	.0002	.0001	.0000

TABLE 19 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.0860	.0852	.0843	.0833	.0823	.0812	.0801
3.0	.0988	.0966	.0943	.0919	.0895	.0871	.0846
4.0	.1027	.0992	.0956	.0920	.0884	.0848	.0813
5.0	.1019	.0972	.0925	.0880	.0834	.0790	.0746
6.0	.0983	.0927	.0872	.0819	.0767	.0717	.0668
7.0	.0931	.0869	.0808	.0750	.0693	.0640	.0589
8.0	.0872	.0804	.0740	.0678	.0620	.0565	.0513
9.0	.0809	.0739	.0672	.0609	.0550	.0495	.0444
10.0	.0747	.0674	.0607	.0544	.0485	.0431	.0382
15.0	.0473	.0406	.0347	.0294	.0248	.0208	.0173
20.0	.0289	.0236	.0192	.0155	.0124	.0098	.0077
25.0	.0175	.0137	.0106	.0081	.0061	.0046	.0034
30.0	.0106	.0079	.0058	.0043	.0031	.0022	.0015
35.0	.0065	.0046	.0032	.0023	.0015	.0010	.0007
40.0	.0039	.0027	.0018	.0012	.0008	.0005	.0003
45.0	.0024	.0016	.0010	.0006	.0004	.0002	.0001
50.0	.0015	.0009	.0006	.0003	.0002	.0001	.0001
60.0	.0006	.0003	.0002	.0001	.0001	.0000	.0000
70.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 19 (continued)

N	KA=	.56	.58	.60	.62	.64	.66	.68
2.0		.0789	.0777	.0765	.0752	.0739	.0725	.0711
3.0		.0821	.0796	.0771	.0745	.0720	.0694	.0668
4.0		.0777	.0742	.0707	.0673	.0640	.0607	.0575
5.0		.0704	.0662	.0622	.0583	.0545	.0509	.0474
6.0		.0621	.0576	.0533	.0492	.0453	.0416	.0382
7.0		.0540	.0494	.0451	.0410	.0372	.0336	.0303
8.0		.0464	.0419	.0377	.0338	.0302	.0269	.0239
9.0		.0397	.0353	.0313	.0277	.0244	.0214	.0187
10.0		.0337	.0296	.0259	.0226	.0196	.0169	.0146
15.0		.0144	.0119	.0097	.0079	.0064	.0052	.0041
20.0		.0060	.0047	.0036	.0028	.0021	.0016	.0012
25.0		.0025	.0019	.0013	.0010	.0007	.0005	.0003
30.0		.0011	.0007	.0005	.0003	.0002	.0002	.0001
35.0		.0005	.0003	.0002	.0001	.0001	.0000	.0000
40.0		.0002	.0001	.0001	.0000	.0000	.0000	.0000
45.0		.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 19 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.0697	.0682	.0667	.0652	.0637	.0621	.0605
3.0	.0643	.0618	.0593	.0568	.0543	.0519	.0496
4.0	.0543	.0512	.0483	.0454	.0426	.0399	.0373
5.0	.0440	.0408	.0378	.0349	.0321	.0295	.0271
6.0	.0349	.0318	.0289	.0262	.0237	.0214	.0192
7.0	.0273	.0244	.0218	.0195	.0173	.0153	.0135
8.0	.0211	.0186	.0164	.0143	.0125	.0109	.0095
9.0	.0163	.0141	.0122	.0105	.0090	.0077	.0066
10.0	.0125	.0107	.0091	.0077	.0065	.0055	.0046
15.0	.0033	.0026	.0020	.0016	.0012	.0010	.0007
20.0	.0009	.0006	.0005	.0003	.0002	.0002	.0001
25.0	.0002	.0002	.0001	.0001	.0000	.0000	.0000
30.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 19 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.0589	.0573	.0557	.0541	.0525	.0508	.0492
3.0	.0472	.0449	.0427	.0405	.0384	.0363	.0343
4.0	.0348	.0325	.0302	.0280	.0260	.0240	.0222
5.0	.0248	.0226	.0206	.0187	.0170	.0154	.0139
6.0	.0173	.0155	.0138	.0123	.0109	.0097	.0086
7.0	.0119	.0105	.0092	.0080	.0070	.0060	.0052
8.0	.0082	.0070	.0060	.0052	.0044	.0038	.0032
9.0	.0056	.0047	.0040	.0033	.0028	.0023	.0019
10.0	.0038	.0032	.0026	.0022	.0018	.0014	.0012
15.0	.0006	.0004	.0003	.0002	.0002	.0001	.0001
20.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 19 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0476	.0459	.0443	.0427	.0412	.0396	.0381
3.0	.0324	.0305	.0287	.0270	.0253	.0237	.0222
4.0	.0205	.0188	.0173	.0158	.0145	.0132	.0121
5.0	.0125	.0112	.0101	.0090	.0081	.0072	.0064
6.0	.0075	.0066	.0058	.0051	.0044	.0039	.0033
7.0	.0045	.0039	.0033	.0028	.0024	.0021	.0017
8.0	.0027	.0023	.0019	.0016	.0013	.0011	.0009
9.0	.0016	.0013	.0011	.0009	.0007	.0006	.0005
10.0	.0010	.0008	.0006	.0005	.0004	.0003	.0002
15.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 20
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$

PO = .060

N	KA = .00	.02	.04	.06	.08	.10	.12
2.0	.1123	.1121	.1119	.1117	.1115	.1112	.1109
3.0	.1537	.1526	.1514	.1502	.1488	.1474	.1459
4.0	.1879	.1856	.1832	.1807	.1780	.1752	.1723
5.0	.2173	.2137	.2099	.2059	.2017	.1974	.1930
6.0	.2430	.2380	.2327	.2272	.2215	.2156	.2095
7.0	.2659	.2593	.2525	.2454	.2381	.2305	.2228
8.0	.2863	.2782	.2697	.2610	.2521	.2429	.2335
9.0	.3046	.2949	.2849	.2745	.2639	.2531	.2421
10.0	.3212	.3099	.2982	.2863	.2740	.2616	.2489
15.0	.3836	.3646	.3451	.3253	.3053	.2853	.2654
20.0	.4233	.3970	.3704	.3437	.3171	.2908	.2651
25.0	.4490	.4164	.3836	.3509	.3187	.2873	.2571
30.0	.4658	.4277	.3896	.3518	.3150	.2795	.2458
35.0	.4770	.4341	.3912	.3492	.3085	.2697	.2333
40.0	.4845	.4372	.3903	.3446	.3006	.2592	.2208
45.0	.4895	.4384	.3879	.3389	.2922	.2486	.2086
50.0	.4929	.4383	.3845	.3326	.2836	.2382	.1970
60.0	.4967	.4360	.3766	.3198	.2669	.2187	.1760
70.0	.4985	.4325	.3682	.3073	.2513	.2012	.1576
75.0	.4990	.4305	.3640	.3013	.2440	.1931	.1493
80.0	.4993	.4285	.3599	.2955	.2370	.1855	.1415
90.0	.4997	.4245	.3520	.2845	.2239	.1714	.1275
100.0	.4998	.4206	.3445	.2742	.2118	.1586	.1151

TABLE 20 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.1105	.1101	.1097	.1092	.1087	.1081	.1075
3.0	.1443	.1427	.1409	.1391	.1372	.1351	.1331
4.0	.1693	.1661	.1628	.1594	.1559	.1523	.1486
5.0	.1884	.1836	.1787	.1737	.1686	.1633	.1580
6.0	.2032	.1968	.1903	.1837	.1769	.1701	.1632
7.0	.2149	.2068	.1987	.1904	.1821	.1737	.1654
8.0	.2239	.2143	.2045	.1947	.1849	.1751	.1654
9.0	.2309	.2197	.2084	.1972	.1860	.1749	.1639
10.0	.2362	.2235	.2108	.1981	.1856	.1733	.1613
15.0	.2458	.2265	.2078	.1897	.1722	.1556	.1399
20.0	.2401	.2161	.1933	.1717	.1516	.1328	.1156
25.0	.2282	.2010	.1756	.1521	.1307	.1113	.0940
30.0	.2141	.1847	.1578	.1335	.1118	.0927	.0761
35.0	.1996	.1689	.1413	.1168	.0955	.0771	.0615
40.0	.1857	.1542	.1264	.1022	.0816	.0642	.0498
45.0	.1726	.1407	.1131	.0895	.0698	.0536	.0405
50.0	.1604	.1285	.1013	.0785	.0598	.0448	.0330
60.0	.1389	.1075	.0815	.0606	.0442	.0315	.0220
70.0	.1207	.0903	.0660	.0471	.0328	.0223	.0148
75.0	.1126	.0829	.0595	.0416	.0284	.0188	.0122
80.0	.1052	.0762	.0537	.0368	.0245	.0159	.0100
90.0	.0921	.0645	.0439	.0289	.0184	.0114	.0068
100.0	.0808	.0548	.0359	.0227	.0139	.0082	.0047

TABLE 20 (continued)

N	KA=	.28	.30	.32	.34	.36	.38	.40
2.0		.1068	.1061	.1053	.1045	.1036	.1026	.1016
3.0		.1309	.1286	.1263	.1239	.1214	.1188	.1162
4.0		.1448	.1410	.1370	.1330	.1289	.1247	.1206
5.0		.1526	.1471	.1416	.1361	.1305	.1250	.1195
6.0		.1563	.1493	.1424	.1355	.1287	.1219	.1153
7.0		.1571	.1488	.1406	.1326	.1246	.1169	.1093
8.0		.1559	.1464	.1371	.1281	.1193	.1108	.1026
9.0		.1532	.1428	.1326	.1227	.1132	.1041	.0954
10.0		.1496	.1383	.1273	.1168	.1068	.0973	.0883
15.0		.1251	.1113	.0985	.0866	.0758	.0660	.0571
20.0		.1000	.0858	.0731	.0619	.0520	.0434	.0359
25.0		.0787	.0653	.0538	.0438	.0354	.0284	.0225
30.0		.0618	.0496	.0395	.0310	.0242	.0186	.0142
35.0		.0485	.0378	.0290	.0221	.0165	.0123	.0090
40.0		.0382	.0288	.0214	.0157	.0114	.0081	.0057
45.0		.0301	.0221	.0159	.0113	.0079	.0054	.0036
50.0		.0238	.0169	.0118	.0081	.0055	.0036	.0023
60.0		.0150	.0101	.0066	.0042	.0026	.0016	.0010
70.0		.0096	.0060	.0037	.0022	.0013	.0007	.0004
75.0		.0077	.0047	.0028	.0016	.0009	.0005	.0003
80.0		.0061	.0036	.0021	.0012	.0006	.0003	.0002
90.0		.0040	.0022	.0012	.0006	.0003	.0002	.0001
100.0		.0026	.0013	.0007	.0003	.0002	.0001	.0000

TABLE 20 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.1006	.0994	.0983	.0970	.0958	.0944	.0930
3.0	.1135	.1107	.1079	.1051	.1022	.0993	.0963
4.0	.1164	.1121	.1079	.1036	.0994	.0952	.0910
5.0	.1140	.1085	.1031	.0978	.0926	.0874	.0824
6.0	.1087	.1023	.0961	.0900	.0841	.0784	.0729
7.0	.1020	.0949	.0881	.0815	.0752	.0692	.0635
8.0	.0947	.0871	.0799	.0731	.0666	.0605	.0548
9.0	.0872	.0793	.0720	.0650	.0586	.0526	.0470
10.0	.0798	.0719	.0645	.0576	.0513	.0455	.0402
15.0	.0492	.0421	.0358	.0303	.0255	.0214	.0178
20.0	.0295	.0241	.0195	.0157	.0125	.0099	.0078
25.0	.0177	.0138	.0107	.0082	.0062	.0046	.0035
30.0	.0107	.0080	.0059	.0043	.0031	.0022	.0015
35.0	.0065	.0046	.0032	.0023	.0015	.0010	.0007
40.0	.0039	.0027	.0018	.0012	.0008	.0005	.0003
45.0	.0024	.0016	.0010	.0006	.0004	.0002	.0001
50.0	.0015	.0009	.0006	.0003	.0002	.0001	.0001
60.0	.0006	.0003	.0002	.0001	.0001	.0000	.0000
70.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 20 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.0916	.0901	.0885	.0870	.0853	.0837	.0819
3.0	.0933	.0903	.0873	.0843	.0812	.0782	.0752
4.0	.0869	.0828	.0788	.0748	.0709	.0671	.0634
5.0	.0776	.0728	.0682	.0638	.0595	.0554	.0515
6.0	.0676	.0626	.0578	.0532	.0489	.0448	.0409
7.0	.0581	.0530	.0483	.0438	.0396	.0357	.0321
8.0	.0495	.0446	.0400	.0357	.0319	.0283	.0251
9.0	.0419	.0372	.0329	.0290	.0255	.0223	.0195
10.0	.0353	.0310	.0270	.0235	.0204	.0176	.0151
15.0	.0147	.0121	.0099	.0080	.0065	.0052	.0042
20.0	.0061	.0047	.0036	.0028	.0021	.0016	.0012
25.0	.0025	.0019	.0013	.0010	.0007	.0005	.0003
30.0	.0011	.0007	.0005	.0003	.0002	.0002	.0001
35.0	.0005	.0003	.0002	.0001	.0001	.0000	.0000
40.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
45.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 20 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.0802	.0784	.0766	.0747	.0729	.0710	.0691
3.0	.0722	.0693	.0663	.0634	.0606	.0578	.0550
4.0	.0598	.0563	.0530	.0497	.0465	.0435	.0406
5.0	.0477	.0441	.0407	.0375	.0345	.0316	.0289
6.0	.0373	.0339	.0308	.0278	.0251	.0226	.0203
7.0	.0288	.0258	.0230	.0204	.0181	.0160	.0141
8.0	.0221	.0195	.0171	.0149	.0130	.0113	.0098
9.0	.0169	.0146	.0126	.0109	.0093	.0079	.0067
10.0	.0129	.0110	.0093	.0079	.0067	.0056	.0047
15.0	.0033	.0026	.0021	.0016	.0013	.0010	.0007
20.0	.0009	.0006	.0005	.0003	.0002	.0002	.0001
25.0	.0002	.0002	.0001	.0001	.0000	.0000	.0000
30.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 20 (continued)

N	$K\lambda = .84$.86	.88	.90	.92	.94	.96
2.0	.0672	.0652	.0633	.0614	.0594	.0575	.0556
3.0	.0524	.0497	.0472	.0447	.0422	.0399	.0376
4.0	.0378	.0352	.0326	.0302	.0280	.0258	.0238
5.0	.0264	.0241	.0219	.0198	.0180	.0162	.0146
6.0	.0182	.0162	.0145	.0128	.0114	.0101	.0089
7.0	.0124	.0109	.0095	.0083	.0072	.0062	.0054
8.0	.0084	.0072	.0062	.0053	.0045	.0038	.0032
9.0	.0057	.0048	.0041	.0034	.0028	.0024	.0020
10.0	.0039	.0032	.0027	.0022	.0018	.0015	.0012
15.0	.0006	.0004	.0003	.0002	.0002	.0001	.0001
20.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 20 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0536	.0517	.0498	.0480	.0461	.0443	.0425
3.0	.0354	.0333	.0313	.0293	.0274	.0257	.0239
4.0	.0219	.0201	.0184	.0168	.0153	.0140	.0127
5.0	.0131	.0118	.0105	.0094	.0084	.0075	.0066
6.0	.0078	.0068	.0060	.0052	.0046	.0040	.0034
7.0	.0046	.0040	.0034	.0029	.0025	.0021	.0018
8.0	.0027	.0023	.0019	.0016	.0013	.0011	.0009
9.0	.0016	.0013	.0011	.0009	.0007	.0006	.0005
10.0	.0010	.0008	.0006	.0005	.0004	.0003	.0003
15.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 21
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$

PQ = .070

N	K \bar{X} = .00	.02	.04	.06	.08	.10	.12
2.0	.1297	.1294	.1291	.1288	.1284	.1280	.1276
3.0	.1757	.1743	.1728	.1712	.1696	.1678	.1659
4.0	.2130	.2102	.2073	.2042	.2010	.1976	.1941
5.0	.2446	.2403	.2357	.2310	.2261	.2210	.2157
6.0	.2718	.2658	.2596	.2531	.2464	.2395	.2324
7.0	.2956	.2879	.2799	.2716	.2631	.2544	.2454
8.0	.3165	.3070	.2973	.2872	.2769	.2663	.2556
9.0	.3349	.3238	.3122	.3004	.2883	.2759	.2634
10.0	.3514	.3384	.3251	.3115	.2976	.2836	.2694
15.0	.4106	.3895	.3679	.3460	.3241	.3022	.2806
20.0	.4454	.4170	.3883	.3595	.3309	.3028	.2754
25.0	.4664	.4317	.3969	.3624	.3285	.2955	.2639
30.0	.4791	.4392	.3993	.3600	.3217	.2850	.2502
35.0	.4870	.4424	.3982	.3548	.3130	.2733	.2361
40.0	.4919	.4433	.3952	.3484	.3037	.2615	.2225
45.0	.4949	.4427	.3913	.3415	.2942	.2501	.2097
50.0	.4968	.4414	.3869	.3344	.2849	.2391	.1977
60.0	.4987	.4375	.3777	.3206	.2674	.2191	.1762
70.0	.4995	.4332	.3687	.3077	.2516	.2013	.1577
75.0	.4997	.4310	.3644	.3016	.2442	.1932	.1493
80.0	.4998	.4289	.3602	.2957	.2371	.1855	.1416
90.0	.4999	.4247	.3521	.2846	.2239	.1714	.1275
100.0	.5000	.4207	.3446	.2742	.2119	.1587	.1151

TABLE 21 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.1271	.1265	.1260	.1253	.1246	.1239	.1230
3.0	.1640	.1619	.1598	.1576	.1552	.1528	.1503
4.0	.1905	.1867	.1828	.1788	.1746	.1704	.1660
5.0	.2102	.2046	.1989	.1930	.1870	.1810	.1748
6.0	.2251	.2177	.2101	.2024	.1947	.1868	.1789
7.0	.2363	.2271	.2177	.2083	.1988	.1894	.1799
8.0	.2447	.2337	.2226	.2116	.2005	.1895	.1786
9.0	.2508	.2381	.2254	.2128	.2003	.1880	.1758
10.0	.2551	.2408	.2266	.2126	.1987	.1852	.1719
15.0	.2592	.2384	.2181	.1987	.1800	.1623	.1455
20.0	.2490	.2236	.1996	.1769	.1558	.1363	.1184
25.0	.2338	.2055	.1792	.1550	.1329	.1131	.0953
30.0	.2176	.1874	.1599	.1351	.1130	.0936	.0767
35.0	.2018	.1705	.1425	.1177	.0961	.0775	.0618
40.0	.1970	.1551	.1270	.1027	.0819	.0644	.0500
45.0	.1733	.1412	.1134	.0897	.0699	.0537	.0405
50.0	.1608	.1288	.1014	.0786	.0599	.0448	.0330
60.0	.1390	.1076	.0816	.0607	.0442	.0315	.0220
70.0	.1207	.0903	.0660	.0471	.0328	.0223	.0148
75.0	.1127	.0829	.0595	.0416	.0284	.0188	.0122
80.0	.1052	.0762	.0537	.0368	.0245	.0159	.0100
90.0	.0921	.0645	.0439	.0289	.0184	.0114	.0068
100.0	.0808	.0548	.0359	.0228	.0139	.0082	.0047

TABLE 21 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.1222	.1212	.1203	.1192	.1181	.1169	.1156
3.0	.1476	.1449	.1421	.1392	.1363	.1332	.1301
4.0	.1615	.1570	.1524	.1477	.1429	.1381	.1333
5.0	.1685	.1622	.1559	.1495	.1432	.1368	.1305
6.0	.1710	.1631	.1553	.1475	.1398	.1322	.1247
7.0	.1705	.1612	.1520	.1430	.1342	.1256	.1172
8.0	.1679	.1574	.1471	.1371	.1274	.1181	.1091
9.0	.1640	.1524	.1412	.1305	.1201	.1102	.1007
10.0	.1591	.1467	.1348	.1234	.1125	.1023	.0926
15.0	.1298	.1152	.1017	.0893	.0780	.0678	.0585
20.0	.1022	.0876	.0745	.0629	.0528	.0440	.0364
25.0	.0797	.0661	.0543	.0442	.0357	.0286	.0227
30.0	.0622	.0499	.0397	.0312	.0243	.0187	.0142
35.0	.0487	.0379	.0291	.0221	.0166	.0123	.0090
40.0	.0382	.0289	.0215	.0158	.0114	.0081	.0057
45.0	.0302	.0221	.0159	.0113	.0079	.0054	.0036
50.0	.0239	.0169	.0118	.0081	.0055	.0036	.0023
60.0	.0150	.0101	.0066	.0042	.0026	.0016	.0010
70.0	.0096	.0060	.0037	.0022	.0013	.0007	.0004
75.0	.0077	.0047	.0028	.0016	.0009	.0005	.0003
80.0	.0061	.0036	.0021	.0012	.0006	.0003	.0002
90.0	.0040	.0022	.0012	.0006	.0003	.0002	.0001
100.0	.0026	.0013	.0007	.0003	.0002	.0001	.0000

TABLE 21 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.1143	.1130	.1115	.1100	.1085	.1068	.1051
3.0	.1269	.1237	.1204	.1170	.1137	.1102	.1068
4.0	.1284	.1235	.1186	.1138	.1089	.1041	.0994
5.0	.1243	.1181	.1120	.1060	.1002	.0944	.0889
6.0	.1174	.1102	.1033	.0965	.0900	.0837	.0777
7.0	.1091	.1013	.0938	.0866	.0797	.0732	.0671
8.0	.1004	.0922	.0844	.0770	.0700	.0635	.0574
9.0	.0918	.0834	.0754	.0680	.0612	.0548	.0489
10.0	.0835	.0750	.0672	.0599	.0532	.0471	.0415
15.0	.0503	.0430	.0365	.0308	.0259	.0217	.0180
20.0	.0299	.0243	.0197	.0158	.0126	.0100	.0078
25.0	.0178	.0139	.0107	.0082	.0062	.0047	.0035
30.0	.0107	.0080	.0059	.0043	.0031	.0022	.0015
35.0	.0065	.0046	.0032	.0023	.0015	.0010	.0007
40.0	.0039	.0027	.0018	.0012	.0008	.0005	.0003
45.0	.0024	.0016	.0010	.0006	.0004	.0002	.0001
50.0	.0015	.0009	.0006	.0003	.0002	.0001	.0001
60.0	.0006	.0003	.0002	.0001	.0001	.0000	.0000
70.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 21 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.1034	.1016	.0997	.0978	.0959	.0939	.0919
3.0	.1033	.0998	.0963	.0929	.0894	.0859	.0825
4.0	.0947	.0901	.0855	.0811	.0767	.0725	.0684
5.0	.0834	.0782	.0731	.0682	.0635	.0590	.0547
6.0	.0719	.0664	.0612	.0562	.0515	.0471	.0430
7.0	.0612	.0557	.0506	.0458	.0414	.0372	.0334
8.0	.0517	.0464	.0416	.0371	.0330	.0293	.0259
9.0	.0435	.0385	.0340	.0299	.0262	.0229	.0200
10.0	.0364	.0319	.0278	.0241	.0208	.0179	.0154
15.0	.0149	.0122	.0100	.0081	.0066	.0053	.0042
20.0	.0061	.0047	.0036	.0028	.0021	.0016	.0012
25.0	.0026	.0019	.0013	.0010	.0007	.0005	.0003
30.0	.0011	.0007	.0005	.0003	.0002	.0002	.0001
35.0	.0005	.0003	.0002	.0001	.0001	.0000	.0000
40.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
45.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 21 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.0898	.0877	.0855	.0834	.0812	.0790	.0768
3.0	.0791	.0757	.0724	.0691	.0659	.0627	.0596
4.0	.0644	.0605	.0567	.0531	.0497	.0463	.0432
5.0	.0506	.0467	.0430	.0395	.0363	.0332	.0303
6.0	.0391	.0355	.0321	.0290	.0261	.0234	.0210
7.0	.0299	.0267	.0238	.0211	.0186	.0165	.0145
8.0	.0228	.0200	.0175	.0153	.0133	.0115	.0100
9.0	.0173	.0150	.0129	.0111	.0095	.0081	.0068
10.0	.0131	.0112	.0095	.0080	.0067	.0056	.0047
15.0	.0033	.0026	.0021	.0016	.0013	.0010	.0007
20.0	.0009	.0006	.0005	.0003	.0002	.0002	.0001
25.0	.0002	.0002	.0001	.0001	.0000	.0000	.0000
30.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 21 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.0745	.0723	.0700	.0678	.0655	.0633	.0611
3.0	.0566	.0537	.0508	.0480	.0454	.0428	.0402
4.0	.0401	.0372	.0345	.0319	.0294	.0271	.0249
5.0	.0276	.0251	.0228	.0206	.0186	.0168	.0151
6.0	.0188	.0167	.0149	.0132	.0117	.0103	.0091
7.0	.0127	.0111	.0097	.0084	.0073	.0063	.0055
8.0	.0086	.0074	.0063	.0054	.0046	.0039	.0033
9.0	.0058	.0049	.0041	.0034	.0029	.0024	.0020
10.0	.0039	.0032	.0027	.0022	.0018	.0015	.0012
15.0	.0006	.0004	.0003	.0002	.0002	.0001	.0001
20.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 21 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0589	.0567	.0546	.0524	.0503	.0483	.0462
3.0	.0378	.0355	.0333	.0311	.0291	.0271	.0253
4.0	.0229	.0210	.0192	.0175	.0159	.0145	.0132
5.0	.0135	.0121	.0108	.0097	.0086	.0076	.0068
6.0	.0080	.0070	.0061	.0053	.0046	.0040	.0035
7.0	.0047	.0040	.0034	.0029	.0025	.0021	.0018
8.0	.0028	.0023	.0019	.0016	.0013	.0011	.0009
9.0	.0016	.0013	.0011	.0009	.0007	.0006	.0005
10.0	.0010	.0008	.0006	.0005	.0004	.0003	.0003
15.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 22
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$
PG= .080

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.1467	.1464	.1459	.1455	.1450	.1444	.1438
3.0	.1968	.1950	.1932	.1913	.1893	.1872	.1850
4.0	.2367	.2334	.2299	.2263	.2225	.2185	.2144
5.0	.2699	.2648	.2595	.2540	.2483	.2424	.2363
6.0	.2980	.2911	.2839	.2765	.2688	.2609	.2528
7.0	.3222	.3134	.3042	.2949	.2852	.2753	.2652
8.0	.3430	.3323	.3213	.3100	.2984	.2865	.2745
9.0	.3612	.3486	.3357	.3224	.3089	.2952	.2813
10.0	.3771	.3626	.3478	.3327	.3174	.3018	.2862
15.0	.4319	.4089	.3856	.3620	.3385	.3150	.2919
20.0	.4616	.4314	.4010	.3706	.3406	.3111	.2825
25.0	.4781	.4419	.4057	.3698	.3347	.3007	.2681
30.0	.4875	.4462	.4051	.3648	.3256	.2881	.2526
35.0	.4923	.4472	.4020	.3579	.3155	.2752	.2375
40.0	.4958	.4464	.3977	.3504	.3051	.2626	.2233
45.0	.4976	.4448	.3929	.3427	.2951	.2507	.2101
50.0	.4986	.4427	.3879	.3352	.2855	.2395	.1979
60.0	.4995	.4381	.3781	.3209	.2676	.2192	.1763
70.0	.4998	.4334	.3689	.3078	.2516	.2014	.1577
75.0	.4999	.4312	.3645	.3016	.2442	.1932	.1493
80.0	.4999	.4290	.3602	.2957	.2371	.1855	.1416
90.0	.5000	.4247	.3522	.2846	.2239	.1714	.1275
100.0	.5000	.4207	.3446	.2741	.2119	.1587	.1151

TABLE 22 (continued)

N	K Δ = .14	.16	.18	.20	.22	.24	.26
2.0	.1432	.1425	.1417	.1409	.1400	.1391	.1331
3.0	.1826	.1802	.1776	.1750	.1722	.1693	.1663
4.0	.2102	.2058	.2012	.1966	.1918	.1868	.1818
5.0	.2301	.2237	.2171	.2104	.2036	.1966	.1896
6.0	.2446	.2361	.2276	.2189	.2102	.2014	.1925
7.0	.2550	.2446	.2342	.2237	.2131	.2026	.1921
8.0	.2624	.2502	.2379	.2257	.2135	.2014	.1895
9.0	.2674	.2534	.2395	.2257	.2120	.1985	.1854
10.0	.2705	.2549	.2394	.2242	.2092	.1945	.1803
15.0	.2692	.2470	.2256	.2051	.1855	.1669	.1494
20.0	.2549	.2286	.2036	.1803	.1585	.1385	.1201
25.0	.2372	.2082	.1813	.1556	.1342	.1140	.0961
30.0	.2195	.1889	.1610	.1359	.1136	.0940	.0770
35.0	.2028	.1713	.1430	.1181	.0963	.0777	.0619
40.0	.1875	.1555	.1273	.1028	.0820	.0645	.0500
45.0	.1736	.1414	.1135	.0898	.0700	.0537	.0406
50.0	.1610	.1289	.1015	.0786	.0599	.0448	.0330
60.0	.1391	.1076	.0816	.0607	.0442	.0315	.0220
70.0	.1207	.0903	.0660	.0471	.0328	.0223	.0148
75.0	.1127	.0829	.0595	.0416	.0284	.0188	.0122
80.0	.1052	.0762	.0537	.0368	.0245	.0159	.0100
90.0	.0921	.0645	.0439	.0289	.0184	.0114	.0068
100.0	.0808	.0548	.0359	.0224	.0139	.0082	.0047

TABLE 22 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.1370	.1358	.1346	.1333	.1320	.1305	.1290
3.0	.1633	.1601	.1568	.1535	.1500	.1465	.1429
4.0	.1767	.1715	.1662	.1608	.1554	.1500	.1445
5.0	.1826	.1755	.1684	.1612	.1541	.1471	.1400
6.0	.1837	.1749	.1662	.1576	.1491	.1407	.1325
7.0	.1818	.1715	.1615	.1516	.1420	.1326	.1235
8.0	.1778	.1663	.1552	.1443	.1339	.1238	.1141
9.0	.1725	.1601	.1480	.1364	.1253	.1148	.1047
10.0	.1665	.1532	.1405	.1283	.1168	.1059	.0957
15.0	.1331	.1179	.1039	.0911	.0794	.0689	.0594
20.0	.1035	.0886	.0753	.0635	.0532	.0443	.0366
25.0	.0802	.0665	.0546	.0444	.0358	.0286	.0227
30.0	.0624	.0501	.0398	.0312	.0243	.0187	.0142
35.0	.0488	.0379	.0292	.0221	.0166	.0123	.0090
40.0	.0383	.0289	.0215	.0158	.0114	.0081	.0057
45.0	.0302	.0221	.0159	.0113	.0079	.0054	.0036
50.0	.0239	.0169	.0118	.0081	.0055	.0036	.0023
60.0	.0150	.0101	.0066	.0042	.0026	.0016	.0010
70.0	.0096	.0060	.0037	.0022	.0013	.0007	.0004
75.0	.0077	.0047	.0028	.0016	.0009	.0005	.0003
80.0	.0061	.0036	.0021	.0012	.0006	.0003	.0002
90.0	.0040	.0022	.0012	.0006	.0003	.0002	.0001
100.0	.0026	.0013	.0007	.0004	.0002	.0001	.0000

TABLE 22 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.1274	.1258	.1241	.1223	.1204	.1185	.1165
3.0	.1392	.1355	.1317	.1279	.1240	.1201	.1162
4.0	.1390	.1335	.1281	.1226	.1172	.1119	.1066
5.0	.1331	.1263	.1195	.1130	.1065	.1002	.0941
6.0	.1245	.1167	.1091	.1018	.0947	.0880	.0815
7.0	.1148	.1064	.0983	.0906	.0832	.0763	.0697
8.0	.1049	.0961	.0878	.0799	.0726	.0657	.0593
9.0	.0953	.0863	.0780	.0702	.0630	.0563	.0502
10.0	.0862	.0773	.0691	.0615	.0545	.0481	.0424
15.0	.0510	.0435	.0369	.0312	.0261	.0218	.0181
20.0	.0300	.0244	.0198	.0159	.0126	.0100	.0079
25.0	.0178	.0139	.0107	.0082	.0062	.0047	.0035
30.0	.0107	.0080	.0059	.0043	.0031	.0022	.0015
35.0	.0065	.0046	.0033	.0023	.0015	.0010	.0007
40.0	.0039	.0027	.0018	.0012	.0008	.0005	.0003
45.0	.0024	.0016	.0010	.0006	.0004	.0002	.0001
50.0	.0015	.0009	.0006	.0003	.0002	.0001	.0001
60.0	.0006	.0003	.0002	.0001	.0001	.0000	.0000
70.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 22 (continued)

N	KA=	.56	.58	.60	.62	.64	.66	.68
2.0		.1144	.1123	.1102	.1079	.1057	.1033	.1010
3.0		.1122	.1083	.1044	.1004	.0965	.0926	.0888
4.0		.1014	.0963	.0913	.0864	.0816	.0769	.0724
5.0		.0882	.0825	.0770	.0717	.0666	.0618	.0572
6.0		.0753	.0694	.0638	.0585	.0535	.0489	.0445
7.0		.0635	.0577	.0523	.0473	.0426	.0383	.0343
8.0		.0533	.0478	.0427	.0380	.0338	.0299	.0264
9.0		.0445	.0394	.0347	.0305	.0267	.0233	.0203
10.0		.0371	.0324	.0282	.0245	.0211	.0182	.0156
15.0		.0150	.0123	.0100	.0081	.0066	.0053	.0042
20.0		.0061	.0047	.0036	.0028	.0021	.0016	.0012
25.0		.0026	.0019	.0013	.0010	.0007	.0005	.0003
30.0		.0011	.0007	.0005	.0003	.0002	.0002	.0001
35.0		.0005	.0003	.0002	.0001	.0001	.0000	.0000
40.0		.0002	.0001	.0001	.0000	.0000	.0000	.0000
45.0		.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 22 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.0986	.0961	.0937	.0912	.0887	.0862	.0836
3.0	.0850	.0812	.0775	.0739	.0704	.0669	.0635
4.0	.0681	.0638	.0598	.0559	.0521	.0486	.0451
5.0	.0528	.0487	.0447	.0411	.0376	.0343	.0313
6.0	.0404	.0366	.0331	.0298	.0268	.0240	.0215
7.0	.0307	.0273	.0243	.0215	.0190	.0167	.0147
8.0	.0232	.0203	.0178	.0155	.0135	.0117	.0101
9.0	.0175	.0151	.0130	.0112	.0095	.0081	.0069
10.0	.0133	.0113	.0096	.0081	.0068	.0057	.0047
15.0	.0033	.0026	.0021	.0016	.0013	.0010	.0007
20.0	.0009	.0006	.0005	.0003	.0002	.0002	.0001
25.0	.0002	.0002	.0001	.0001	.0000	.0000	.0000
30.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 22 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.0811	.0785	.0760	.0734	.0709	.0684	.0659
3.0	.0602	.0569	.0538	.0508	.0479	.0450	.0423
4.0	.0419	.0388	.0359	.0331	.0305	.0281	.0258
5.0	.0285	.0258	.0234	.0212	.0191	.0172	.0154
6.0	.0192	.0171	.0152	.0134	.0119	.0105	.0092
7.0	.0129	.0113	.0098	.0085	.0074	.0064	.0055
8.0	.0087	.0074	.0064	.0054	.0046	.0039	.0033
9.0	.0058	.0049	.0041	.0035	.0029	.0024	.0020
10.0	.0039	.0033	.0027	.0022	.0018	.0015	.0012
15.0	.0006	.0004	.0003	.0002	.0002	.0001	.0001
20.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 22 (continued)

N	KA = .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0634	.0610	.0586	.0562	.0539	.0516	.0494
3.0	.0397	.0372	.0348	.0325	.0303	.0283	.0263
4.0	.0236	.0216	.0197	.0180	.0164	.0149	.0135
5.0	.0138	.0124	.0110	.0098	.0087	.0077	.0069
6.0	.0081	.0071	.0062	.0054	.0047	.0040	.0035
7.0	.0047	.0040	.0035	.0029	.0025	.0021	.0018
8.0	.0028	.0023	.0019	.0016	.0014	.0011	.0009
9.0	.0016	.0013	.0011	.0009	.0007	.0006	.0005
10.0	.0010	.0008	.0006	.0005	.0004	.0003	.0003
15.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 23
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$

PO = .090

N	KA = .00	.02	.04	.06	.08	.10	.12
2.0	.1634	.1629	.1623	.1617	.1611	.1604	.1596
3.0	.2169	.2149	.2127	.2105	.2081	.2056	.2030
4.0	.2589	.2551	.2511	.2469	.2425	.2380	.2332
5.0	.2932	.2874	.2814	.2751	.2686	.2620	.2551
6.0	.3218	.3139	.3058	.2975	.2889	.2800	.2710
7.0	.3459	.3360	.3258	.3153	.3046	.2936	.2825
8.0	.3663	.3544	.3422	.3297	.3169	.3039	.2907
9.0	.3838	.3700	.3557	.3412	.3264	.3114	.2963
10.0	.3989	.3831	.3669	.3504	.3337	.3169	.2999
15.0	.4485	.4240	.3992	.3742	.3493	.3246	.3002
20.0	.4733	.4417	.4100	.3784	.3472	.3168	.2872
25.0	.4860	.4486	.4114	.3746	.3386	.3039	.2707
30.0	.4926	.4505	.4086	.3676	.3279	.2899	.2540
35.0	.4961	.4498	.4041	.3596	.3167	.2761	.2382
40.0	.4979	.4481	.3990	.3513	.3058	.2631	.2237
45.0	.4989	.4458	.3936	.3455	.2955	.2510	.2103
50.0	.4994	.4433	.3883	.3355	.2857	.2397	.1980
60.0	.4998	.4383	.3783	.3210	.2677	.2193	.1763
70.0	.4999	.4335	.3689	.3078	.2516	.2014	.1577
75.0	.5000	.4312	.3645	.3017	.2442	.1932	.1493
80.0	.5000	.4290	.3603	.2957	.2371	.1855	.1416
90.0	.5000	.4248	.3522	.2846	.2239	.1714	.1275
100.0	.5000	.4207	.3446	.2743	.2119	.1587	.1151

TABLE 23 (continued)

N	KA= .14	.16	.18	.20	.22	.24	.26
2.0	.1588	.1579	.1570	.1560	.1549	.1537	.1525
3.0	.2003	.1974	.1944	.1914	.1881	.1848	.1814
4.0	.2284	.2234	.2182	.2129	.2074	.2019	.1962
5.0	.2480	.2408	.2334	.2259	.2183	.2106	.2028
6.0	.2618	.2524	.2429	.2333	.2236	.2139	.2043
7.0	.2712	.2598	.2483	.2367	.2252	.2138	.2024
8.0	.2774	.2641	.2507	.2374	.2242	.2112	.1984
9.0	.2812	.2660	.2510	.2361	.2214	.2070	.1929
10.0	.2831	.2663	.2497	.2334	.2174	.2018	.1867
15.0	.2764	.2533	.2310	.2096	.1893	.1701	.1520
20.0	.2588	.2318	.2063	.1824	.1602	.1398	.1211
25.0	.2393	.2098	.1826	.1576	.1349	.1145	.0964
30.0	.2205	.1896	.1616	.1363	.1139	.0942	.0771
35.0	.2033	.1716	.1433	.1182	.0965	.0778	.0620
40.0	.1878	.1557	.1274	.1029	.0820	.0645	.0500
45.0	.1738	.1415	.1136	.0898	.0700	.0537	.0406
50.0	.1611	.1289	.1015	.0786	.0599	.0448	.0330
60.0	.1391	.1076	.0816	.0607	.0442	.0315	.0220
70.0	.1207	.0903	.0660	.0471	.0328	.0223	.0148
75.0	.1127	.0829	.0595	.0416	.0284	.0188	.0122
80.0	.1052	.0762	.0537	.0368	.0245	.0159	.0100
90.0	.0921	.0645	.0439	.0289	.0184	.0114	.0068
100.0	.0808	.0548	.0359	.0225	.0139	.0082	.0047

TABLE 23 (continued)

N	KA= .28	.30	.32	.34	.36	.38	.40
2.0	.1512	.1498	.1484	.1468	.1452	.1435	.1417
3.0	.1778	.1742	.1705	.1666	.1627	.1587	.1546
4.0	.1904	.1846	.1786	.1726	.1666	.1605	.1545
5.0	.1950	.1871	.1792	.1714	.1636	.1558	.1482
6.0	.1946	.1850	.1755	.1661	.1569	.1478	.1390
7.0	.1911	.1801	.1692	.1586	.1483	.1383	.1286
8.0	.1858	.1735	.1616	.1500	.1389	.1282	.1180
9.0	.1793	.1660	.1533	.1410	.1293	.1182	.1077
10.0	.1721	.1581	.1447	.1320	.1200	.1086	.0980
15.0	.1352	.1196	.1053	.0922	.0803	.0696	.0599
20.0	.1043	.0892	.0757	.0638	.0535	.0445	.0367
25.0	.0805	.0666	.0547	.0445	.0359	.0287	.0227
30.0	.0625	.0501	.0398	.0313	.0243	.0187	.0142
35.0	.0488	.0380	.0292	.0221	.0166	.0123	.0090
40.0	.0383	.0289	.0215	.0158	.0114	.0081	.0057
45.0	.0302	.0221	.0159	.0113	.0079	.0054	.0036
50.0	.0239	.0169	.0118	.0081	.0055	.0036	.0023
60.0	.0150	.0101	.0066	.0042	.0026	.0016	.0010
70.0	.0096	.0060	.0037	.0022	.0013	.0007	.0004
75.0	.0077	.0047	.0028	.0016	.0009	.0005	.0003
80.0	.0061	.0036	.0021	.0012	.0006	.0003	.0002
90.0	.0040	.0022	.0012	.0006	.0003	.0002	.0001
100.0	.0026	.0013	.0007	.0003	.0002	.0001	.0000

TABLE 23 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.1399	.1379	.1359	.1338	.1316	.1294	.1271
3.0	.1504	.1462	.1420	.1376	.1333	.1289	.1246
4.0	.1484	.1423	.1363	.1303	.1243	.1185	.1127
5.0	.1406	.1331	.1259	.1187	.1118	.1050	.0984
6.0	.1303	.1220	.1138	.1060	.0985	.0913	.0844
7.0	.1193	.1103	.1018	.0936	.0859	.0786	.0717
8.0	.1083	.0990	.0903	.0821	.0744	.0672	.0606
9.0	.0978	.0885	.0798	.0717	.0643	.0574	.0510
10.0	.0881	.0789	.0704	.0625	.0554	.0489	.0429
15.0	.0514	.0438	.0371	.0313	.0263	.0219	.0182
20.0	.0301	.0245	.0198	.0159	.0127	.0100	.0079
25.0	.0179	.0139	.0107	.0082	.0062	.0047	.0035
30.0	.0107	.0080	.0059	.0044	.0031	.0022	.0015
35.0	.0065	.0046	.0037	.0025	.0015	.0010	.0007
40.0	.0040	.0027	.0018	.0012	.0008	.0005	.0003
45.0	.0024	.0016	.0010	.0006	.0004	.0002	.0001
50.0	.0015	.0009	.0006	.0003	.0002	.0001	.0001
60.0	.0006	.0003	.0002	.0001	.0001	.0000	.0000
70.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 23 (continued)

N	KA=	.56	.58	.60	.62	.64	.66	.68
2.0		.1247	.1223	.1198	.1173	.1147	.1120	.1093
3.0		.1202	.1158	.1114	.1071	.1028	.0985	.0942
4.0		.1070	.1015	.0960	.0907	.0856	.0806	.0757
5.0		.0921	.0860	.0801	.0745	.0691	.0640	.0591
6.0		.0779	.0717	.0658	.0602	.0550	.0501	.0456
7.0		.0652	.0592	.0536	.0483	.0435	.0390	.0349
8.0		.0544	.0487	.0435	.0387	.0343	.0303	.0267
9.0		.0452	.0400	.0352	.0309	.0270	.0235	.0204
10.0		.0376	.0328	.0285	.0247	.0213	.0183	.0157
15.0		.0150	.0123	.0101	.0082	.0066	.0053	.0042
20.0		.0061	.0047	.0036	.0028	.0021	.0016	.0012
25.0		.0026	.0019	.0013	.0010	.0007	.0005	.0003
30.0		.0011	.0007	.0005	.0003	.0002	.0002	.0001
35.0		.0005	.0003	.0002	.0001	.0001	.0000	.0000
40.0		.0002	.0001	.0001	.0000	.0000	.0000	.0000
45.0		.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0		.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 23 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.1066	.1038	.1011	.0983	.0954	.0926	.0898
3.0	.0901	.0860	.0819	.0780	.0741	.0703	.0667
4.0	.0710	.0665	.0622	.0581	.0541	.0503	.0467
5.0	.0545	.0501	.0460	.0422	.0386	.0352	.0320
6.0	.0413	.0374	.0337	.0304	.0273	.0244	.0218
7.0	.0312	.0277	.0246	.0218	.0192	.0169	.0148
8.0	.0235	.0206	.0180	.0156	.0136	.0117	.0101
9.0	.0177	.0153	.0131	.0112	.0096	.0082	.0069
10.0	.0133	.0113	.0096	.0081	.0068	.0057	.0047
15.0	.0034	.0026	.0021	.0016	.0013	.0010	.0007
20.0	.0009	.0006	.0005	.0003	.0002	.0002	.0001
25.0	.0002	.0002	.0001	.0001	.0000	.0000	.0000
30.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000



TABLE 23 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.0869	.0841	.0812	.0784	.0756	.0728	.0701
3.0	.0631	.0596	.0563	.0530	.0499	.0469	.0440
4.0	.0433	.0400	.0369	.0340	.0313	.0288	.0264
5.0	.0291	.0264	.0238	.0215	.0194	.0174	.0156
6.0	.0194	.0173	.0153	.0136	.0120	.0106	.0093
7.0	.0130	.0113	.0099	.0086	.0074	.0064	.0055
8.0	.0087	.0075	.0064	.0054	.0046	.0039	.0033
9.0	.0058	.0049	.0041	.0035	.0029	.0024	.0020
10.0	.0039	.0033	.0027	.0022	.0018	.0015	.0012
15.0	.0006	.0004	.0003	.0002	.0002	.0001	.0001
20.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 23 (continued)

N	KA= .98	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0674	.0647	.0620	.0595	.0569	.0544	.0520
3.0	.0412	.0385	.0360	.0336	.0313	.0291	.0270
4.0	.0241	.0220	.0201	.0183	.0166	.0151	.0137
5.0	.0140	.0125	.0111	.0099	.0088	.0078	.0069
6.0	.0081	.0071	.0062	.0054	.0047	.0041	.0035
7.0	.0047	.0041	.0035	.0030	.0025	.0021	.0018
8.0	.0028	.0023	.0020	.0016	.0014	.0011	.0009
9.0	.0016	.0013	.0011	.0009	.0007	.0006	.0005
10.0	.0010	.0008	.0006	.0005	.0004	.0003	.0003
15.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 24
TABLE OF THE JOINT DISTRIBUTION OF \bar{X} AND $X(N)$
PD= .100

N	KA= .00	.02	.04	.06	.08	.10	.12
2.0	.1797	.1790	.1783	.1776	.1768	.1759	.1750
3.0	.2363	.2339	.2314	.2288	.2260	.2231	.2201
4.0	.2798	.2754	.2709	.2661	.2612	.2560	.2507
5.0	.3148	.3082	.3015	.2944	.2872	.2798	.2721
6.0	.3433	.3346	.3256	.3163	.3068	.2971	.2871
7.0	.3670	.3561	.3449	.3334	.3216	.3096	.2975
8.0	.3867	.3737	.3604	.3467	.3328	.3187	.3044
9.0	.4033	.3883	.3728	.3571	.3411	.3250	.3088
10.0	.4174	.4003	.3828	.3651	.3472	.3292	.3112
15.0	.4615	.4357	.4096	.3835	.3574	.3317	.3064
20.0	.4817	.4490	.4167	.3838	.3518	.3205	.2903
25.0	.4912	.4530	.4150	.3776	.3411	.3058	.2722
30.0	.4957	.4530	.4107	.3692	.3292	.2909	.2547
35.0	.4979	.4513	.4053	.3604	.3174	.2766	.2386
40.0	.4990	.4489	.3996	.3518	.3062	.2634	.2238
45.0	.4995	.4463	.3940	.3435	.2956	.2511	.2104
50.0	.4997	.4436	.3885	.3356	.2858	.2397	.1981
60.0	.4999	.4384	.3783	.3210	.2677	.2193	.1763
70.0	.5000	.4335	.3689	.3078	.2516	.2014	.1577
75.0	.5000	.4312	.3645	.3017	.2442	.1932	.1493
80.0	.5000	.4290	.3603	.2988	.2371	.1855	.1416
90.0	.5000	.4248	.3522	.2846	.2239	.1714	.1275
100.0	.5000	.4207	.3446	.2745	.2119	.1587	.1151

TABLE 24 (continued)

N	KA = .14	.16	.18	.20	.22	.24	.26
2.0	.1740	.1729	.1718	.1706	.1693	.1679	.1665
3.0	.2170	.2137	.2103	.2068	.2031	.1994	.1955
4.0	.2452	.2396	.2338	.2279	.2218	.2156	.2093
5.0	.2643	.2563	.2481	.2398	.2314	.2230	.2144
6.0	.2770	.2667	.2563	.2459	.2353	.2248	.2143
7.0	.2852	.2728	.2603	.2479	.2355	.2231	.2110
8.0	.2901	.2757	.2614	.2472	.2331	.2192	.2056
9.0	.2926	.2764	.2604	.2446	.2290	.2138	.1989
10.0	.2932	.2754	.2579	.2406	.2238	.2075	.1916
15.0	.2817	.2578	.2348	.2128	.1920	.1723	.1538
20.0	.2614	.2339	.2079	.1837	.1612	.1405	.1217
25.0	.2405	.2108	.1833	.1581	.1353	.1148	.0966
30.0	.2211	.1900	.1618	.1355	.1140	.0943	.0772
35.0	.2036	.1718	.1434	.1165	.0965	.0778	.0620
40.0	.1879	.1557	.1274	.1029	.0820	.0645	.0500
45.0	.1738	.1415	.1136	.0899	.0700	.0537	.0406
50.0	.1611	.1289	.1015	.0786	.0599	.0448	.0330
60.0	.1391	.1076	.0816	.0607	.0442	.0315	.0220
70.0	.1207	.0903	.0660	.0471	.0328	.0223	.0148
75.0	.1107	.0829	.0595	.0416	.0284	.0188	.0122
80.0	.1052	.0762	.0537	.0368	.0245	.0159	.0100
90.0	.0921	.0645	.0439	.0289	.0184	.0114	.0068
100.0	.0808	.0548	.0359	.0218	.0139	.0082	.0047



TABLE 24 (continued)

N	KA= .20	.30	.32	.34	.36	.38	.40
2.0	.1649	.1633	.1616	.1598	.1579	.1559	.1538
3.0	.1915	.1873	.1831	.1788	.1744	.1699	.1653
4.0	.2029	.1964	.1898	.1832	.1766	.1699	.1632
5.0	.2059	.1973	.1887	.1802	.1717	.1633	.1551
6.0	.2039	.1935	.1833	.1732	.1634	.1537	.1443
7.0	.1989	.1871	.1756	.1643	.1534	.1428	.1326
8.0	.1922	.1793	.1667	.1545	.1428	.1317	.1210
9.0	.1846	.1707	.1573	.1445	.1324	.1208	.1099
10.0	.1764	.1618	.1479	.1347	.1223	.1106	.0996
15.0	.1367	.1208	.1062	.0929	.0808	.0700	.0603
20.0	.1047	.0895	.0759	.0640	.0531	.0445	.0368
25.0	.0806	.0667	.0548	.0445	.0359	.0287	.0227
30.0	.0625	.0502	.0398	.0313	.0243	.0187	.0142
35.0	.0488	.0380	.0292	.0221	.0166	.0123	.0090
40.0	.0383	.0289	.0215	.0158	.0114	.0081	.0057
45.0	.0302	.0221	.0159	.0113	.0079	.0054	.0036
50.0	.0239	.0169	.0118	.0081	.0055	.0036	.0023
60.0	.0150	.0101	.0066	.0042	.0026	.0016	.0010
70.0	.0096	.0060	.0037	.0022	.0013	.0007	.0004
75.0	.0077	.0047	.0028	.0016	.0009	.0005	.0003
80.0	.0061	.0036	.0021	.0012	.0006	.0003	.0002
90.0	.0040	.0022	.0012	.0006	.0003	.0002	.0001
100.0	.0026	.0013	.0007	.0003	.0002	.0001	.0000

TABLE 24 (continued)

N	KA= .42	.44	.46	.48	.50	.52	.54
2.0	.1517	.1494	.1471	.1447	.1422	.1397	.1371
3.0	.1607	.1560	.1513	.1465	.1417	.1369	.1320
4.0	.1566	.1500	.1434	.1369	.1305	.1242	.1179
5.0	.1469	.1389	.1311	.1235	.1161	.1089	.1019
6.0	.1351	.1262	.1176	.1094	.1015	.0939	.0867
7.0	.1228	.1134	.1045	.0960	.0879	.0803	.0732
8.0	.1108	.1012	.0922	.0837	.0758	.0684	.0615
9.0	.0997	.0901	.0811	.0728	.0651	.0581	.0516
10.0	.0894	.0800	.0713	.0633	.0560	.0493	.0433
15.0	.0516	.0440	.0373	.0314	.0263	.0220	.0182
20.0	.0301	.0245	.0198	.0159	.0127	.0100	.0079
25.0	.0179	.0139	.0107	.0082	.0062	.0047	.0035
30.0	.0107	.0080	.0059	.0043	.0031	.0022	.0015
35.0	.0065	.0046	.0033	.0023	.0015	.0010	.0007
40.0	.0040	.0027	.0018	.0012	.0008	.0005	.0003
45.0	.0024	.0016	.0010	.0006	.0004	.0002	.0001
50.0	.0015	.0009	.0006	.0003	.0002	.0001	.0001
60.0	.0006	.0003	.0002	.0001	.0001	.0000	.0000
70.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
75.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
80.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 24 (continued)

N	KA= .56	.58	.60	.62	.64	.66	.68
2.0	.1344	.1316	.1288	.1259	.1230	.1200	.1170
3.0	.1272	.1224	.1176	.1129	.1082	.1035	.0989
4.0	.1118	.1059	.1000	.0944	.0889	.0836	.0784
5.0	.0952	.0888	.0826	.0767	.0710	.0657	.0606
6.0	.0799	.0734	.0673	.0615	.0561	.0511	.0464
7.0	.0665	.0603	.0545	.0491	.0441	.0395	.0353
8.0	.0552	.0493	.0440	.0391	.0346	.0306	.0269
9.0	.0457	.0404	.0355	.0311	.0272	.0237	.0205
10.0	.0379	.0330	.0287	.0248	.0214	.0184	.0157
15.0	.0150	.0123	.0101	.0082	.0066	.0053	.0042
20.0	.0061	.0047	.0036	.0028	.0021	.0016	.0012
25.0	.0026	.0019	.0013	.0010	.0007	.0005	.0003
30.0	.0011	.0007	.0005	.0003	.0002	.0002	.0001
35.0	.0005	.0003	.0002	.0001	.0001	.0000	.0000
40.0	.0002	.0001	.0001	.0000	.0000	.0000	.0000
45.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 24 (continued)

N	KA= .70	.72	.74	.76	.78	.80	.82
2.0	.1139	.1109	.1078	.1046	.1015	.0984	.0952
3.0	.0944	.0900	.0857	.0814	.0773	.0732	.0693
4.0	.0735	.0687	.0641	.0598	.0556	.0516	.0478
5.0	.0558	.0513	.0470	.0430	.0392	.0358	.0325
6.0	.0420	.0379	.0342	.0307	.0276	.0247	.0220
7.0	.0315	.0280	.0248	.0220	.0194	.0170	.0149
8.0	.0236	.0207	.0181	.0157	.0136	.0118	.0102
9.0	.0178	.0153	.0132	.0113	.0096	.0082	.0069
10.0	.0134	.0114	.0096	.0081	.0068	.0057	.0048
15.0	.0034	.0026	.0021	.0016	.0013	.0010	.0007
20.0	.0009	.0006	.0005	.0003	.0002	.0002	.0001
25.0	.0002	.0002	.0001	.0001	.0000	.0000	.0000
30.0	.0001	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 24 (continued)

N	KA= .84	.86	.88	.90	.92	.94	.96
2.0	.0921	.0390	.0859	.0828	.0797	.0767	.0737
3.0	.0655	.0618	.0582	.0548	.0515	.0483	.0453
4.0	.0443	.0409	.0377	.0347	.0319	.0293	.0268
5.0	.0295	.0267	.0241	.0218	.0196	.0176	.0158
6.0	.0196	.0174	.0154	.0137	.0120	.0106	.0093
7.0	.0131	.0114	.0099	.0086	.0074	.0064	.0055
8.0	.0087	.0075	.0064	.0054	.0046	.0039	.0033
9.0	.0059	.0049	.0041	.0035	.0029	.0024	.0020
10.0	.0039	.0033	.0027	.0022	.0018	.0015	.0012
15.0	.0006	.0004	.0003	.0002	.0002	.0001	.0001
20.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLE 24 (continued)

N	KA= .93	1.00	1.02	1.04	1.06	1.08	1.10
2.0	.0707	.0678	.0650	.0622	.0594	.0567	.0541
3.0	.0424	.0396	.0369	.0344	.0320	.0297	.0276
4.0	.0245	.0223	.0204	.0185	.0168	.0152	.0138
5.0	.0141	.0126	.0112	.0100	.0089	.0078	.0069
6.0	.0082	.0071	.0062	.0054	.0047	.0041	.0035
7.0	.0048	.0041	.0035	.0030	.0025	.0021	.0018
8.0	.0028	.0023	.0020	.0016	.0014	.0011	.0009
9.0	.0016	.0013	.0011	.0009	.0007	.0006	.0005
10.0	.0010	.0008	.0006	.0005	.0004	.0003	.0003
15.0	.0001	.0001	.0000	.0000	.0000	.0000	.0000
20.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
25.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
30.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
35.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
40.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
45.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
60.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
70.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
75.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
80.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
90.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
100.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000

5. Summary

In this paper, tables of the joint distribution of \bar{X} and $X_{(n)}$ for a random sample from the standard normal distribution are presented for a variables sampling inspection procedure which guarantees acceptance of perfectly screened lots. The lot is characterized by a single quality characteristic. It is assumed that this quality characteristic has a normal density function with known variance. Tables of truncated normal distribution required to compute tables of the joint distribution of \bar{X} and $X_{(n)}$ are also presented.

The two sets of tables are also used to show how operating characteristic curves may be computed. Sample size is shown to affect the existence of certain levels of significance. For small sample size ($n < 10$), certain levels of significance do not exist for tests of hypotheses concerning truncated normal distributions.

This paper has covered only one distribution of the quality characteristic and only a single specification limit. The next step would be to produce similar results for a quality characteristic distributed normally with known variance in case of two specification limits, an upper and a lower specification limit. In this particular case, it has been shown that a test procedure is to reject the hypothesis, $H: p \leq p_0$, if and only if, 1.) $X_{(1)} < L$, or $X_{(n)} > U$, 2.) and $\bar{X} > K(\alpha)$. Of course other distributions of the quality characteristic should also be investigated.

The first of these is the fact that the system is not a closed system.

It is a system which is open to the environment and which can exchange energy and matter with it.

This is a very important feature of the system and it is one which must be taken into account.

The second of these is the fact that the system is not a simple system.

It is a system which is composed of many different parts and which can interact with each other.

This is a very important feature of the system and it is one which must be taken into account.

The third of these is the fact that the system is not a static system.

It is a system which is constantly changing and which can evolve over time.

This is a very important feature of the system and it is one which must be taken into account.

The fourth of these is the fact that the system is not a linear system.

It is a system which is non-linear and which can exhibit complex behavior.

This is a very important feature of the system and it is one which must be taken into account.

The fifth of these is the fact that the system is not a deterministic system.

It is a system which is stochastic and which can exhibit random behavior.

This is a very important feature of the system and it is one which must be taken into account.

The sixth of these is the fact that the system is not a simple system.

It is a system which is composed of many different parts and which can interact with each other.

This is a very important feature of the system and it is one which must be taken into account.

The seventh of these is the fact that the system is not a static system.

It is a system which is constantly changing and which can evolve over time.

This is a very important feature of the system and it is one which must be taken into account.

The eighth of these is the fact that the system is not a linear system.

It is a system which is non-linear and which can exhibit complex behavior.

This is a very important feature of the system and it is one which must be taken into account.

The ninth of these is the fact that the system is not a deterministic system.

It is a system which is stochastic and which can exhibit random behavior.

This is a very important feature of the system and it is one which must be taken into account.

The tenth of these is the fact that the system is not a simple system.

It is a system which is composed of many different parts and which can interact with each other.

This is a very important feature of the system and it is one which must be taken into account.

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APPENDIX I

EDGEWORTH SERIES

The tables for the truncated normal distributions were computed using the Edgeworth series. This series is nearly an ideal asymptotic expansion for the distribution of $\sqrt{n} \bar{X}$. Gnedenko - Kolmogorov [2] and Cramer [1] are references for detailed coverage of this expansion. The expansion is given by

$$F_n(Z) = \Phi(Z) - \frac{1}{3!} \frac{\lambda_3}{\sigma^3 \sqrt{n}} \Phi^{(3)}(Z) + \frac{1}{4!} \frac{\lambda_4}{n \sigma^4} \Phi^{(4)}(Z) + \frac{10}{6! n} \frac{\lambda_3^2}{\sigma^6} \Phi^{(6)}(Z) \\ - \frac{1}{5!} \frac{\lambda_5}{\sigma^5 n^{3/2}} \Phi^{(5)}(Z) - \frac{35}{7!} \frac{\lambda_3 \lambda_4}{n^{3/2} \sigma^7} \Phi^{(7)}(Z) - \frac{280}{9!} \frac{\lambda_3^3}{\sigma^9 n^{3/2}} \Phi^{(9)}(Z)$$

$$\text{where } Z = \frac{1}{\sigma \sqrt{n}} \sum_{i=1}^n (X_i - \mu).$$

$\Phi(Z)$ is equal to the area under a standard normal density function to the left of the abscissa, Z , and $\Phi^{(i)}(Z)$ is the i -th derivative of the standard normal distribution function.

X is a truncated normally distributed random variable with density function

$$f(x) = \frac{1}{\Phi(a)} \frac{1}{\sqrt{2\pi}} e^{-\frac{1}{2}x^2}, \quad -\infty < x < a$$

λ_K is the k^{th} cumulant of X . The cumulants are functions of the moments of X about zero and are shown below:

$$\lambda_3 = \alpha_3 - 3\alpha_1\alpha_2 + 2\alpha_1^3$$

$$\lambda_4 = \alpha_4 - 3\alpha_2^2 - 4\alpha_1\alpha_3 + 12\alpha_1^2\alpha_2 - 6\alpha_1^4$$

$$\lambda_5 = \alpha_5 - 5\alpha_1\alpha_4 - 10\alpha_2\alpha_3 + 30\alpha_2^2\alpha_1 + 20\alpha_1^2\alpha_3 - 60\alpha_1^3\alpha_2 + 24\alpha_1^5$$

where $E[X^i] = \alpha_i, i = 1, 2, \dots$,

$$\sigma = (\alpha_2 - \alpha_1^2)^{\frac{1}{2}} \text{ and } \alpha_1 = \mu.$$

Tables were computed using a CDC 1604 digital computer for $K(\alpha) = 0.00(.02) 1.10, 23$ sample sizes and 12 truncation points.

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Joint distribution of X and $X(n)$ for a r



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